TSD File Inventory Index

Date: August 22, 2002

Initial: C. McGeorge

Facility Name:	Ostek Incorporated		
Facility Identification Number:	ILD 000 644 [illegible]		
A.1 General Correspondence		**B.2 Permit Docket (B.1.2)**	
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.1 Correspondence	Y	.2 All Other Permitting Documents (Not Part of the ARA) B.1.10	1
.2 Notification and Acknowledgment	Y	**C.1 Compliance - (Inspection Reports)** See C.2	
.3 Part A Application and Amendments	Y	**C.2 Compliance/Enforcement** C.2	1
.4 Financial Insurance (Sudden, Non Sudden)		.1 Land Disposal Restriction Notifications	
.5 Change Under Interim Status Requests		.2 Import/Export Notifications	
.6 Annual and Biennial Reports	Y	**C.3 FOIA Exemptions - Non-Releasable Documents** C.3	1
A.3 Groundwater Monitoring		**D.1 Corrective Action/Facility Assessment**	
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A.4 Closure/Post Closure		.3 State Prelim. Investigation Memos	
.1 Correspondence		.4 RFA Reports D.1.4	1
.2 Closure/Post Closure Plans, Certificates, etc		**D. 2 Corrective Action/Facility Investigation**	
A.5 Ambient Air Monitoring		.1 RFI Correspondence	
.1 Correspondence		.2 RFI Workplan	
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Total - 7

.5 RFI QAPP		.7 Lab data, Soil Sampling/Groundwater	
.6 RFI QAPP Correspondence		.8 Progress Reports	
.7 Lab Data, Soil-Sampling/Groundwater		**D.5 Corrective Action/Enforcement**	
.8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
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.10 Interim Measures Workplan and Reports		**D.6 Environmental Indicator Determinations**	
D.3 Corrective Action/Remediation Study		.1 Forms/Checklists	
.1 CMS Correspondence		**E. Boilers and Industrial Furnaces (BIF)**	
.2 Interim Measures		.1 Correspondence	
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.4 CMS Draft/Final Report		**F Imagery/Special Studies** (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		**G.1 Risk Assessment**	
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.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI Correspondence		.9 Environmental Justice	

Note: Transmittal Letter to Be Included with Reports.
Comments:_____

LAND AND CHEMICALS DIVISION

Type of Document: Pre-filing Notice/Opportunity to Confer

Name of Document: Ortek, Inc. (ILD000646786)

	NAMES	DATE
AUTHOR:	Brian Kennedy	8/13/13
SECTION APA:	Ray B. Cunningham	8/15/13
SECTION CHIEF:	[signature]	08/15/13
BRANCH APA:		
BRANCH CHIEF:	[signature]	8/21/13
DIVISION APA:		
DIVISION DIRECTOR:		
OTHERS:	Robert Peachey, ORC see attached concurrence	8/13/13
DRA:		
RA:		

RETURN TO: 08126

PHONE: 3-4383

COMMENTS:

Anticipated Complaint/CAFO w/ penalty for violations related to hazardous waste storage and used oil rebuttable presumption requirements. SNC Memo approved 4/3/13. Complaint/compliance order draft available upon request. Draft penalty narrative enclosed for reference.

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Lowell Aughenbaugh/ President
Ortek, Inc.
7601 West 47th Street
McCook, IL 60525

COMPLETE THIS SECTION ON DELIVERY

A. Received by *(Please Print Clearly)* B. Date of Delivery 9-5-13

C. Signature
X [signature]
☐ Agent
☐ Addressee

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7009 1680 0000 7679 6101

PS Form 3811, March 2001 Domestic Return Receipt 102595-01-M-1424

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Brian Kennedy
U.S EPA/ R5 - LR-8J
77 W. Jackson Blvd
Chicago, IL 60604

Kennedy, Brian

From: Peachey, Robert
Sent: Tuesday, August 13, 2013 10:47 AM
To: Kennedy, Brian
Subject: RE: Ortek Docs

Yeah, I think it looks good – let's get it going. Thanks, Brian!

Robert M. Peachey
Office of Regional Counsel
U.S. EPA Region 5 (C-14J)
77 W. Jackson Blvd.
Chicago, Illinois 60604
Phone: (312) 353.4510
Fax: (312) 692.2422
E-mail: peachey.robert@epa.gov

From: Kennedy, Brian
Sent: Tuesday, August 13, 2013 10:31 AM
To: Peachey, Robert
Subject: FW: Ortek Docs

Hey Bob – if you're alright with this Pre-filing notice, I can submit it today; my supervisor doesn't necessarily need to see a draft complaint with it.

Thanks

Brian Kennedy
Environmental Engineer
U.S. EPA - Region 5
77 West Jackson Blvd. (LR-8J)
Chicago, Illinois 60604
Phone: 312 | 353-4383

From: Kennedy, Brian
Sent: Wednesday, August 07, 2013 11:50 AM
To: Peachey, Robert
Subject: Ortek Docs

Hi Bob,

Here are the current documents.

The pre-filing notice kept most of your tweaks, although LCD correspondence rules require we call additional documents to a letter "enclosures" and not "attachments." And you're right, it was 37 and not 73. Please let me know if I have your concurrence on this pre-filing notice.

I've also kept most of your changes to the complaint draft. Please see my new comments regarding the complian order.

Thanks,

Brian Kennedy
Environmental Engineer
U.S. EPA - Region 5
77 West Jackson Blvd. (LR-8J)
Chicago, Illinois 60604
Phone: 312 | 353-4383

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

SEP 03 2013

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL 7009 1680 0000 7679 6101
RETURN RECEIPT REQUESTED

Mr. Lowell Aughenbaugh
President
Ortek, Inc.
7601 West 47th Street
McCook, Illinois 60525

Re: Notice of Intent to File Civil Administrative Complaint against
Ortek, Inc.
EPA ID No.: ILD000646786

Dear Mr. Aughenbaugh:

The U. S. Environmental Protection Agency (EPA) plans to file an administrative complaint for civil penalties against Ortek, Inc. ("Ortek" or "you"). We will allege that you violated the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. §§ 6901 - 6992k, as amended, as described in the enclosed Notice of Violation previously issued to you on January 24, 2013. RCRA provides a cradle-to-grave framework to ensure proper management of hazardous wastes and used oil which, if handled in an unsafe manner, could present risks to humans and the environment. This letter also informs you that EPA deems Ortek to be a Significant Non-Complier under RCRA.

Based on information currently available to us, we plan to propose a penalty of $512,437 in the complaint. This letter is not a demand to pay a penalty. We will not ask you to pay a penalty until we file the complaint or a final order. Before filing the complaint, we are giving you the opportunity to present any information that you believe we should consider. Relevant information might include evidence that you did not violate the law; evidence that you relied on compliance assistance from EPA or a state agency; evidence that we identified the wrong party; or financial data bearing on your ability to pay a penalty.

If you believe that you will be unable to pay a $512,437 penalty because of financial reasons, please send us certified, complete financial statements including balance sheets, income statements and all notes to the financial statements, and your company's signed income tax returns with all schedules and amendments for the past three years. Also, please complete the enclosed Form 4506-T (print form from http://www.irs.gov/pub/irs-pdf/f4506t.pdf) authorizing the Internal Revenue Service to release transcripts of your tax returns for the past same three years.

Also, as part of a settlement, you may voluntarily propose to undertake an environmentally beneficial project related to the violation(s) in exchange for mitigation of the penalty. A

Supplemental Environmental Project (SEP) furthers EPA's goal of protecting and enhancing public health and the environment. See this EPA web link for information on SEPs: http://www.epa.gov/enforcement/sep.html.

You may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B, for any portion of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent allowed by 40 C.F.R. Part 2, Subpart B. If you fail to assert a business confidentiality claim, EPA may make all submitted information available, without further notice, to any member of the public who requests it.

Within 10 calendar days after you receive this letter, please send any written response to:

Brian Kennedy
U.S. Environmental Protection Agency
Region 5 (LR-8J)
77 West Jackson Boulevard
Chicago, Illinois 60604

If you want to confer with us, you should contact Brian Kennedy, of the RCRA Branch, in writing within 10 calendar days after you receive this letter. Please be advised that this conference is not a settlement negotiation covered by Federal Rule of Evidence 408; we may use any information you submit in support of an administrative, civil or criminal action. After or during the conference (or after you have submitted a written reply if we do not have a conference), we may give you the opportunity to engage in settlement negotiations before we file the complaint. If pre-filing settlement negotiations commence and are successful, a settlement agreement can be filed under EPA regulations at 40 C.F.R. § 22.13(b).

If you do not respond to this letter, EPA may file a complaint without further notice against Ortek as authorized under Section 3008(a) of RCRA, 42 U.S.C. § 6928(a).

If you have any questions, please telephone Robert M. Peachey, Associate Regional Counsel, at (312) 353-4510.

Thank you for your prompt attention to this matter.

Sincerely,

Gary J. Victorine
Chief,
RCRA Branch

Enclosures

cc: Anna VanOrden, IEPA – Des Plaines District Office (anna.vanorden@illinois.gov)

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JAN 24 2013

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL 7009 1680 0000 7669 2564
RETURN RECEIPT REQUESTED

Mr. Lowell Aughenbaugh
President
Ortek, Inc.
7601 West 47th Street
McCook, Illinois 60525

Re: Notice of Violation
Compliance Evaluation Inspection
EPA I.D. No.: ILD000646786

Dear Mr. Aughenbaugh:

On December 9, 14 and 21, 2011 and January 30, 2012, a representative of the U.S. Environmental Protection Agency (EPA) inspected Ortek, Inc. (hereinafter "Ortek" or "you") located in McCook, Illinois. The purpose of the inspection was to evaluate Ortek's compliance with certain requirements of the Resource Conservation and Recovery Act (RCRA), specifically, those regulations regarding the generation, treatment and storage of hazardous waste, including used oil. We have enclosed a copy of the inspection report and checklists for your reference.

Based on information provided by Ortek personnel, a review of records, a follow-up request for information dated September 12, 2012, and physical observations made by the inspector at the time of the investigation, EPA has determined that Ortek is in violation of hazardous waste management requirements of the Illinois Administrative Code (IAC) and the United States Code of Federal Regulations (CFR). Specifically, EPA finds that Ortek failed to meet the requirements of a used oil processor, and is in violation of the following regulations:

1. In order to operate as a used oil processor, owners or operators must have a contingency plan for the facility designed to minimize hazards to human health and the environment from fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil or surface water. See 35 IAC § 739.152(b)(1)(A) [40 CFR § 279.52(b)(1)(i)]. However, if the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan, the owner or operator need only amend that plan to incorporate used oil management provisions that are sufficient to comply with the requirements of a 35 IAC § 739.152(b). See 35 IAC § 739.152(b)(2)(B) [40 CFR § 279.52(b)(2)(ii)].

At the time of inspection, Ortek presented a copy of their SPCC plan. However, the SPCC plan was not amended to comply with the provisions of a contingency plan contained in IAC § 739.152(b)(2) [40 CFR § 279.52(b)(2)], nor was there a separate contingency plan available. Ortek, therefore, failed to the meet the general facility standards of a used oil processor and is in violation of the abovementioned requirement.

2. In order to operate as a used oil processor, containers used to store or process used oil must be equipped with a secondary containment system which has at a minimum, dikes, berms or retaining walls as well as a floor that must cover the entire area within the dike, berm or retaining wall. See 35 IAC § 739.154(c)(1)(A) [40 CFR § 279.54(c)(1)]. It is also required that the entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released from the containment system from migrating out the system to the soil, groundwater or surface water. See 35 IAC § 739.154(c)(2) [40 CFR § 279.54(c)(2)].

   At the time of inspection, two 5-gallon pails and one 55-gallon drum of used oil near the off-loading pump near the 500 series tanks were not in secondary containment. Additionally, numerous totes with used oil near Tanks 100 and 101 sat on a concrete pad without secondary containment. Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

3. In order to operate as a used oil processor, existing aboveground tanks must have a secondary containment system which has at a minimum, dikes, berms, or retaining walls and a floor that must cover the entire area within the dike, berm, or retaining wall except areas where existing portions of the tank meet the ground. See 35 IAC §739.154(d)(1)(A) [40 CFR § 279.54(d)(1)]. It is also required that the entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out the system to the soil, groundwater, or surface water. See 35 IAC § 739.154(d)(2) [40 CFR § 279.54(d)(2)].

   At the time of inspection, Tanks 1-10, 100, 101, and 120-146 were not in secondary containment sufficiently impervious to prevent used oil from reaching soil. Additionally, an open-top tank covered with a tarp and plywood near the train tracks along the southern border of the facility contained used oil and was not in secondary containment. Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

4. In order to operate as a used oil processor, containers and aboveground tanks used to store used oil at processing facilities must be labeled or marked clearly with the words "Used Oil." See 35 IAC § 739.154(f)(1) [40 CFR § 279.54(f)(1)].

   At the time of inspection, a bucket catching drippings from Tank 101 was not labeled "Used Oil." Numerous buckets and one 55-gallon drum near the triple basin were not labeled "Used Oil." Various 5-gallon gallon buckets and one 55-gallon drum near the off-

loading area by Tanks 1-10 and 120-146 were not labeled "Used Oil." Two 5-gallon pails and one 55-gallon drum near the 500-series tanks were not labeled "Used Oil."

Additionally, oily debris observed in a truck bed was transferred to a nearby tote and 55-gallon drum over the course of the inspection. However, the tote and 55-gallon drum were not labeled "Used Oil." Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

5. To ensure that used oil is not a hazardous waste under the rebuttable presumption of 35 IAC § 739.110(b)(1)(B), the owner or operator of a used oil processing facility must determine whether the total halogen content of used oil managed at the facility is above or below 1,000 ppm. See 35 IAC § 739.153(a) [40 CFR § 279.53(a)]. The owner or operator must make this determination by testing the used oil, or applying knowledge of the halogen content of the used oil in light of the materials or processes used. See 35 IAC §§ 739.153(b)(1) and (2) [40 CFR §§ 279.53(b)(1) and (2)].

At the time of inspection, Ortek presented their "Waste Analysis Plan," which contains a "Material Profile Sheet" that must be completed for all incoming used oil streams. Part J of the "Material Profile Sheet" mentions the rebuttable presumption for used oil, but it does not request a total halogen determination for the used oil or request a basis for knowledge of the used oil's halogen content. Part J also does not provide a location where total halogens may be recorded, nor is there a location elsewhere on the sheet. Total Halogens are not mentioned elsewhere on the "Material Profile Sheet."

Additionally, Part C of the "Material Profile Sheet" requests general information of the process that generated the used oil, but does not request any information or documentation about the process or its materials used that could lead to an accurate determination of the used oil's halogen content, e.g., the chemical composition of the virgin oil, whether used oil from the same process had been previously analyzed and where to find such information, a certification from the generator that the total halogen content of the used oil is below 1,000 ppm, or if the used oil had been mixed with other waste streams on the generator's site.

Information requested on the "Material Profile Sheet" does not allow Ortek to properly apply knowledge of the halogen content of the used oil in light of the materials or processes used, nor is it adequate to rebut the presumption of used oil mixture with halogenated hazardous waste listed in Subpart D of 35 IAC § 721 [Subpart D of 40 CFR Part 261]. Ortek, therefore, is in violation of the abovementioned requirements.

6. In order to operate as a used oil processor, owners or operators must ensure that used oil managed at the facility is not a hazardous waste by determining whether the total halogen content is above or below 1,000 ppm. If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste. The owner or operator may rebut this

presumption by demonstrating that the used oil does not contain hazardous waste. See 35 IAC §§ 739.153(a) and (c) [40 CFR §§ 279.53(a) and (c)].

Test results performed by Ortek on several watery oil streams indicate concentrations of total halogens over 1,000 ppm. On October 5, 2011, a "Daily Received Log Used Oils" sheet indicates that a 3,500 gallon shipment from International Titanium Powder had a chlorine concentration of 7,650 ppm (Ticket # 96760). On October 12, 2011, another "Daily Received Log Used Oils" sheet indicated three shipments also had chlorine concentrations over 1,000 ppm:

- Ticket # 96817 - 2900 gallons from Switch Craft with 3,899 ppm chlorine
- Ticket # 96819 - 4800 gallons from Laser Technology with 3,288 ppm chlorine
- Ticket # 96821 - 850 gallons from HazChem with 1,935 ppm chlorine

All shipments above were placed in Tank 101. At the time of inspection, no information was available to rebut the presumption that the above materials were not mixed with halogenated hazardous wastes. In response to an information request on November 12, 2012, Ortek could provide EPA no further information on these shipments. Ortek could not demonstrate the used oil was not mixed with halogenated hazardous waste and is therefore in violation of the abovementioned requirement.

7. In order to operate as a used oil processor, owners or operators must develop and follow a written used oil analysis plan describing the procedures that will be used to comply with the analysis requirements of the rebuttable presumption for used oil and, if applicable, on-specification used oil fuel. See 35 IAC § 739.155(a) and (b) [40 CFR § 279.55(a) and (b)]. When sample analyses are used to make the determination of used oil as on-specification fuel, the analysis plan must describe the method by which representative samples will be obtained, the location of the sampling and its frequency, and the methods used to analyze used oil for the parameters specified in 35 IAC § 739.172 [40 CFR § 279.72]. See 35 IAC §§ 739.155(b)(2)(A)-(D) [40 CFR §§ 279.55(b)(2)(i)-(iv)].

On November 12, 2012, EPA received Ortek's most recent "Waste Analysis Plan." As outlined in Violation 5 above, the "Material Profile Sheet" in the "Waste Analysis Plan" is not adequate to rebut the presumption of used oil mixture with halogenated hazardous waste because the sheet does not request total halogen content or related knowledge. Additionally the section "Outgoing On-Spec Used Oil Analysis Plan" does not describe the method by which representative samples will be obtained, the frequency of sampling, or the analytical method and location by which used oil will be tested to meet the parameters of IAC § 739.172 [40 CFR § 279.72]. Descriptions in the "Waste Analysis Plan" are not suitable to comply with the analysis requirements above. Ortek, therefore, is in violation of this requirement.

8. In order to operate as a used oil processor, the facility must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden

release of used oil to air, soil, or surface water which could threaten human health or the environment. See 35 IAC § 739.152(a)(1) [40 CFR § 279.52(a)(1)].

At the time of inspection, oil-stained soils were observed near Tanks 120-146. Oil-stained soils were also observed near the triple-basin area and lift-station, and in between Tanks 9 and 133. Ortek, therefore, is in violation of the abovementioned requirement for the general facility standards of used oil processors.

9. No person may conduct any hazardous waste storage, hazardous waste treatment, or hazardous waste disposal without a RCRA permit. See IAC § 703.121(a)(1). Accordingly, owners or operators of hazardous waste management units, including tanks which store hazardous waste, must have permits during the active life of the unit. See IAC § 703.121(b) [40 CFR § 270.1(c)].

At the time of inspection, eight hazardous waste manifests indicated the off-site shipment of D001, D008, and D039 hazardous waste from Ortek Tanks 120, 122, and 146. The manifests were:

- 001528685 GBF on November 1, 2011
- 001528686 GBF on November 2, 2011
- 001528724 GBF on November 7, 2011
- 001528725 GBF on November 8, 2011
- 001528726 GBF on November 9, 2011
- 001528727 GBF on November 10, 2011
- 001528729 GBF on November 11, 2011
- 001528730 GBF on November 14, 2011

These manifests displayed the generator of the hazardous waste to be RS Used Oil Services, Inc. (RS) albeit with the site address of Ortek. When asked about the hazardous waste shipments during the inspection, Ortek personnel indicated the material originally came to Ortek in April and May of 2011 through RS, a used oil transporter which routinely brings used oil to Ortek tanks. Ortek personnel pointed out five incoming shipments in April and May 2011 on an RS Account Statement for Ortek dated 7/7/2011. These five shipments (April 1 and May 2, 6, 9, and 17, 2011) were identified by Ortek personnel as the material that was later shipped off Ortek's site on the hazardous waste manifests above.

In response to an information request on October 10, 2012, RS Used Oil Services provided EPA analytical tests performed by Precision Petroleum Labs, Inc. on September 9, 2011 for material in Ortek Tanks 120, 122, 132, 146 and 500. In addition to demonstrating that the material in Tanks 120, 122 and 146 were characteristic for D001, D008 and D039 hazardous wastes, the results also showed that material in Ortek Tank 132 was characteristic for D001, D007, D008 and D039 hazardous waste. Ortek, therefore was storing hazardous waste in Tanks 120, 122, 132, and 146 without a hazardous waste permit and is in violation of the abovementioned requirements

Additionally, and as outlined in Violation 6 above, Ortek failed to provide information to rebut the presumption of used oil mixture with halogenated hazardous waste for four incoming used oil shipments in October, 2011. The four used oil streams had total halogen concentrations greater than 1,000 ppm and were initially placed in Tank 101. Ortek, therefore, was also storing hazardous waste in Tank 101 without a hazardous waste permit and is in violation of the abovementioned requirements.

10. Owners or operators of facilities that use tank systems for storing or treating hazardous wastes must follow the regulations of Subpart J of IAC § 725 [Subpart J of 40 CFR § 265].

As outlined in Violation 9 above, Ortek stored hazardous wastes in Tanks 120, 122 and 146 until such wastes were shipped off-site in November, 2011. Ortek also stored hazardous waste in Tank 132 and Tank 101. Ortek, therefore, was storing hazardous waste in Tanks 101, 120, 122, 132, and 146 and was required to meet the hazardous waste storage tank requirements in Subpart J of IAC § 725. Ortek failed to do so. Ortek, therefore, is in violation of the abovementioned requirement.

According to Section 3008(a) of the Resource Conservation and Recovery Act (RCRA), EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your written response to Brian Kennedy, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, or if you wish to confer with us regarding the issues stated above or to present any relevant information you believe we should consider, please contact Mr. Kennedy, of my staff, at (312) 353-4383.

Sincerely,

Gary Victorine, Chief
RCRA Branch

Enclosure
Inspection Report and Checklists

cc: Anna VanOrden, IEPA – Des Plaines District Office (anna.vanorden@illinois.gov)

Form **4506-T**
(Rev. January 2012)
Department of the Treasury
Internal Revenue Service

Request for Transcript of Tax Return

▶ Request may be rejected if the form is incomplete or illegible.

OMB No. 1545-1872

. Use Form 4506-T to order a transcript or other return information free of charge. See the product list below. You can quickly request transcripts by using or automated self-help service tools. Please visit us at IRS.gov and click on "Order a Transcript" or call 1-800-908-9946. If you need a copy of your return, use **Form 4506, Request for Copy of Tax Return.** There is a fee to get a copy of your return.

1a Name shown on tax return. If a joint return, enter the name shown first.	**1b First social security number on tax return, individual taxpayer identification number, or employer identification number (see instructions)**
2a If a joint return, enter spouse's name shown on tax return.	**2b Second social security number or individual taxpayer identification number if joint tax return**

3 Current name, address (including apt., room, or suite no.), city, state, and ZIP code (see instructions)

4 Previous address shown on the last return filed if different from line 3 (see instructions)

5 If the transcript or tax information is to be mailed to a third party (such as a mortgage company), enter the third party's name, address, and telephone number.

Caution. *If the tax transcript is being mailed to a third party, ensure that you have filled in lines 6 through 9 before signing. Sign and date the form once you have filled in these lines. Completing these steps helps to protect your privacy. Once the IRS discloses your IRS transcript to the third party listed on line 5, the IRS has no control over what the third party does with the information. If you would like to limit the third party's authority to disclose your transcript information, you can specify this limitation in your written agreement with the third party.*

6 **Transcript requested.** Enter the tax form number here (1040, 1065, 1120, etc.) and check the appropriate box below. Enter only one tax form number per request. ▶ _____

a **Return Transcript,** which includes most of the line items of a tax return as filed with the IRS. A tax return transcript does not reflect changes made to the account after the return is processed. Transcripts are only available for the following returns: Form 1040 series, Form 1065, Form 1120, Form 1120A, Form 1120H, Form 1120L, and Form 1120S. Return transcripts are available for the current year and returns processed during the prior 3 processing years. Most requests will be processed within 10 business days . . . . . ☐

b **Account Transcript,** which contains information on the financial status of the account, such as payments made on the account, penalty assessments, and adjustments made by you or the IRS after the return was filed. Return information is limited to items such as tax liability and estimated tax payments. Account transcripts are available for most returns. Most requests will be processed within 30 calendar days . ☐

c **Record of Account,** which provides the most detailed information as it is a combination of the Return Transcript and the Account Transcript. Available for current year and 3 prior tax years. Most requests will be processed within 30 calendar days . . . . . ☐

7 **Verification of Nonfiling,** which is proof from the IRS that you **did not** file a return for the year. Current year requests are only available after June 15th. There are no availability restrictions on prior year requests. Most requests will be processed within 10 business days . . ☐

8 **Form W-2, Form 1099 series, Form 1098 series, or Form 5498 series transcript.** The IRS can provide a transcript that includes data from these information returns. State or local information is not included with the Form W-2 information. The IRS may be able to provide this transcript information for up to 10 years. Information for the current year is generally not available until the year after it is filed with the IRS. For example, W-2 information for 2010, filed in 2011, will not be available from the IRS until 2012. If you need W-2 information for retirement purposes, you should contact the Social Security Administration at 1-800-772-1213. Most requests will be processed within 45 days . . . ☐

Caution. *If you need a copy of Form W-2 or Form 1099, you should first contact the payer. To get a copy of the Form W-2 or Form 1099 filed with your return, you must use Form 4506 and request a copy of your return, which includes all attachments.*

9 **Year or period requested.** Enter the ending date of the year or period, using the mm/dd/yyyy format. If you are requesting more than four years or periods, you must attach another Form 4506-T. For requests relating to quarterly tax returns, such as Form 941, you must enter each quarter or tax period separately.

_____ _____ _____ _____

Check this box if you have notified the IRS or the IRS has notified you that one of the years for which you are requesting a transcript involved **identity theft** on your federal tax return . . . . . ☐

Caution. Do not sign this form unless all applicable lines have been completed.

Signature of taxpayer(s). I declare that I am either the taxpayer whose name is shown on line 1a or 2a, or a person authorized to obtain the tax information requested. If the request applies to a joint return, **either** husband or wife must sign. If signed by a corporate officer, partner, guardian, tax matters partner, executor, receiver, administrator, trustee, or party other than the taxpayer, I certify that I have the authority to execute Form 4506-T on behalf of the taxpayer. **Note.** *For transcripts being sent to a third party, this form must be received within 120 days of the signature date.*

Sign Here

▶ **Signature** (see instructions)	Date	Phone number of taxpayer on line 1a or 2a
▶ **Title** (if line 1a above is a corporation, partnership, estate, or trust)		
▶ **Spouse's signature**	Date	

Section references are to the Internal Revenue Code unless otherwise noted.

What's New

The IRS has created a page on IRS.gov for information about Form 4506-T at *www.irs.gov/form4506*. Information about any recent developments affecting Form 4506-T (such as legislation enacted after we released it) will be posted on that page.

General Instructions

CAUTION. *Do not sign this form unless all applicable lines have been completed.*

Purpose of form. Use Form 4506-T to request tax return information. You can also designate (on line 5) a third party to receive the information. Taxpayers using a tax year beginning in one calendar year and ending in the following year (fiscal tax year) must file Form 4506-T to request a return transcript.

Note. If you are unsure of which type of transcript you need, request the Record of Account, as it provides the most detailed information.

Tip. Use Form 4506, Request for Copy of Tax Return, to request copies of tax returns.

Where to file. Mail or fax Form 4506-T to the address below for the state you lived in, or the state your business was in, when that return was filed. There are two address charts: one for individual transcripts (Form 1040 series and Form W-2) and one for all other transcripts.

If you are requesting more than one transcript or other product and the chart below shows two different addresses, send your request to the address based on the address of your most recent return.

Automated transcript request. You can quickly request transcripts by using our automated self-help service tools. Please visit us at IRS.gov and click on "Order a Transcript" or call 1-800-908-9946.

Chart for individual transcripts (Form 1040 series and Form W-2 and Form 1099)

If you filed an individual return and lived in:	Mail or fax to the "Internal Revenue Service" at:
Alabama, Kentucky, Louisiana, Mississippi, Tennessee, Texas, a foreign country, American Samoa, Puerto Rico, Guam, the Commonwealth of the Northern Mariana Islands, the U.S. Virgin Islands, or A.P.O. or F.P.O. address	RAIVS Team Stop 6716 AUSC Austin, TX 73301 512-460-2272
Alaska, Arizona, Arkansas, California, Colorado, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Utah, Washington, Wisconsin, Wyoming	RAIVS Team Stop 37106 Fresno, CA 93888 559-456-5876
Connecticut, Delaware, District of Columbia, Florida, Georgia, Maine, Maryland, Massachusetts, Missouri, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Vermont, Virginia, West Virginia	RAIVS Team Stop 6705 P-6 Kansas City, MO 64999 816-292-6102

Chart for all other transcripts

If you lived in or your business was in:	Mail or fax to the "Internal Revenue Service" at:
Alabama, Alaska, Arizona, Arkansas, California, Colorado, Florida, Hawaii, Idaho, Iowa, Kansas, Louisiana, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, Wyoming, a foreign country, or A.P.O. or F.P.O. address	RAIVS Team P.O. Box 9941 Mail Stop 6734 Ogden, UT 84409 801-620-6922
Connecticut, Delaware, District of Columbia, Georgia, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Michigan, New Hampshire, New Jersey, New York, North Carolina, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wisconsin	RAIVS Team P.O. Box 145500 Stop 2800 F Cincinnati, OH 45250 859-669-3592

Line 1b. Enter your employer identification number (EIN) if your request relates to a business return. Otherwise, enter the first social security number (SSN) or your individual taxpayer identification number (ITIN) shown on the return. For example, if you are requesting Form 1040 that includes Schedule C (Form 1040), enter your SSN.

Line 3. Enter your current address. If you use a P. O. box, include it on this line.

Line 4. Enter the address shown on the last return filed if different from the address entered on line 3.

Note. If the address on lines 3 and 4 are different and you have not changed your address with the IRS, file Form 8822, Change of Address.

Line 6. Enter only one tax form number per request.

Signature and date. Form 4506-T must be signed and dated by the taxpayer listed on line 1a or 2a. If you completed line 5 requesting the information be sent to a third party, the IRS must receive Form 4506-T within 120 days of the date signed by the taxpayer or it will be rejected. Ensure that all applicable lines are completed before signing.

Individuals. Transcripts of jointly filed tax returns may be furnished to either spouse. Only one signature is required. Sign Form 4506-T exactly as your name appeared on the origir return. If you changed your name, also sign current name.

Corporations. Generally, Form 4506-T can be signed by: (1) an officer having legal authority to bind the corporation, (2) any person designated by the board of directors or other governing body, or (3) any officer or employee on written request by any principal officer and attested to by the secretary or other officer.

Partnerships. Generally, Form 4506-T can be signed by any person who was a member of the partnership during any part of the tax period requested on line 9.

All others. See section 6103(e) if the taxpayer has died, is insolvent, is a dissolved corporation, or if a trustee, guardian, executor, receiver, or administrator is acting for the taxpayer.

Documentation. For entities other than individuals, you must attach the authorization document. For example, this could be the letter from the principal officer authorizing an employee of the corporation or the letters testamentary authorizing an individual to act for an estate.

Privacy Act and Paperwork Reduction Act Notice. We ask for the information on this form to establish your right to gain access to the requested tax information under the Internal Revenue Code. We need this information to properly identify the tax information and respond to your request. You are not required to request any transcript; if you do request a transcript, sections 6103 and 6109 and their regulations require you to provide this information, including your SSN or EIN. If you do not provide this information, we may not be able to process your request. Providing false or fraudulent information may subject you to penalties.

Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation, and cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their tax laws. We may also disclose this information to other countries under a tax treaty, to federal and state agencies to enforce federal nontax criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism.

You are not required to provide the information requested on a form that is subject to the Paperwork Reduction Act unless the form displays a valid OMB control number. Books or records relating to a form or its instructions must be retained as long as their contents may become material in the administration of any Internal Revenue law. Generally, tax returns and return information are confidential, as required by section 6103.

The time needed to complete and file Form 4506-T will vary depending on individual circumstances. The estimated average time is: **Learning about the law or the form,** 10 min.; **Preparing the form,** 12 min.; and **Copying, assembling, and sending the form to the IRS,** 20 min.

If you have comments concerning the accuracy of these time estimates or suggestions for making Form 4506-T simpler, we would be happy to hear from you. You can write to:

Internal Revenue Service
Tax Products Coordinating Committee
SE:W:CAR:MP:T:M:S
1111 Constitution Ave. NW, IR-6526
Washington, DC 20224

Do not send the form to this address. Instead, see *Where to file* on this page.

LAND AND CHEMICALS DIVISION

Type of Document: Notice of Violation

Name of Document: Ortek, Inc. (ILD000646786)

	NAMES	DATE
AUTHOR:	Brian Kennedy	1/15/13
SECTION APA:		
SECTION CHIEF:	[signature]	1/17/13
BRANCH APA:	MG	1/18/13
BRANCH CHIEF:	[signature]	1/18/13
DIVISION APA:		
DIVISION DIRECTOR:		
OTHERS:	Att. Robert Peachey (concurrence attached)	1/15/13
DRA:		
RA:		

RETURN TO: Brian Kennedy

PHONE: 3-4383

COMMENTS: ~~Note this was in process before recent formatting changes~~

Re: Ortek NOV

Robert Peachey to: Brian Kennedy 01/15/2013 02:06 PM

Yes, I concur in the NOV. Thanks, Brian. Please cc me on the NOV, too.

--Bob

Robert M. Peachey
Office of Regional Counsel
U.S. EPA Region 5 (C-14J)
77 W. Jackson Blvd.
Chicago, Illinois 60604
Phone: (312) 353.4510
Fax: (312) 692.2422
E-mail: peachey.robert@epa.gov

Brian Kennedy	Bob, I made the final suggested changes. It's all...	01/15/2013 01:53:58 PM

From: Brian Kennedy/R5/USEPA/US
To: Robert Peachey/R5/USEPA/US@EPA,
Date: 01/15/2013 01:53 PM
Subject: Re: Ortek NOV

Bob,

I made the final suggested changes. It's all set to go. May I use this email as your concurrence?

Brian Kennedy
Environmental Engineer
U.S. EPA - Region 5
77 W. Jackson Blvd. (LR-8J)
Chicago, Illinois 60604
Phone: (312) 353-4383

Robert Peachey	Dear Brian: Excellent work on the NOV -- I had h...	01/15/2013 12:16:30 PM
Brian Kennedy	Hi Bob, I made your suggested changes to the p...	01/14/2013 02:18:10 PM
Robert Peachey	Dear Brian: I agree with your recommended par...	01/14/2013 12:30:44 PM
Brian Kennedy	Hi Bob, I read over your email regarding Ortek's...	01/11/2013 11:58:38 AM

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Lowell Aughenbaugh / President
Ortek, Inc
7601 West 47th Street
McCook, Il 60525

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery
1/28/13

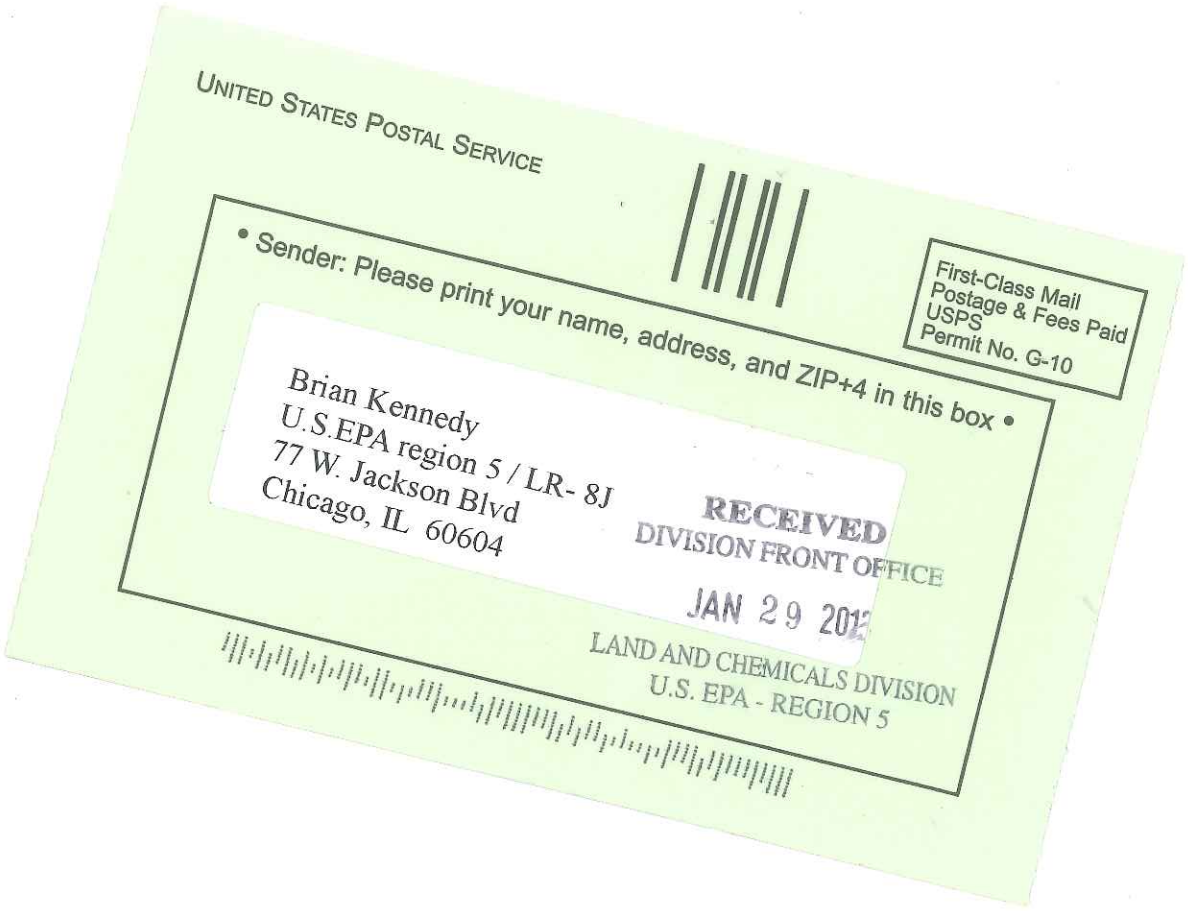
D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from service label) 7009 1680 0000 7669 2564

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540


UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Brian Kennedy
U.S.EPA region 5 / LR- 8J
77 W. Jackson Blvd
Chicago, IL 60604

RECEIVED
DIVISION FRONT OFFICE
JAN 29 201
LAND AND CHEMICALS DIVISION
U.S. EPA - REGION 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JAN 24 2013

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL 7009 1680 0000 7669 2564
RETURN RECEIPT REQUESTED

Mr. Lowell Aughenbaugh
President
Ortek, Inc.
7601 West 47th Street
McCook, Illinois 60525

Re: Notice of Violation
Compliance Evaluation Inspection
EPA I.D. No.: ILD000646786

Dear Mr. Aughenbaugh:

On December 9, 14 and 21, 2011 and January 30, 2012, a representative of the U.S. Environmental Protection Agency (EPA) inspected Ortek, Inc. (hereinafter "Ortek" or "you") located in McCook, Illinois. The purpose of the inspection was to evaluate Ortek's compliance with certain requirements of the Resource Conservation and Recovery Act (RCRA), specifically, those regulations regarding the generation, treatment and storage of hazardous waste, including used oil. We have enclosed a copy of the inspection report and checklists for your reference.

Based on information provided by Ortek personnel, a review of records, a follow-up request for information dated September 12, 2012, and physical observations made by the inspector at the time of the investigation, EPA has determined that Ortek is in violation of hazardous waste management requirements of the Illinois Administrative Code (IAC) and the United States Code of Federal Regulations (CFR). Specifically, EPA finds that Ortek failed to meet the requirements of a used oil processor, and is in violation of the following regulations:

1. In order to operate as a used oil processor, owners or operators must have a contingency plan for the facility designed to minimize hazards to human health and the environment from fires, explosions, or any unplanned sudden or non-sudden release of used oil to air, soil or surface water. See 35 IAC § 739.152(b)(1)(A) [40 CFR § 279.52(b)(1)(i)]. However, if the owner or operator has already prepared a Spill Prevention, Control, and Countermeasures (SPCC) Plan, the owner or operator need only amend that plan to incorporate used oil management provisions that are sufficient to comply with the requirements of a 35 IAC § 739.152(b). See 35 IAC § 739.152(b)(2)(B) [40 CFR § 279.52(b)(2)(ii)].

At the time of inspection, Ortek presented a copy of their SPCC plan. However, the SPCC plan was not amended to comply with the provisions of a contingency plan contained in IAC § 739.152(b)(2) [40 CFR § 279.52(b)(2)], nor was there a separate contingency plan available. Ortek, therefore, failed to the meet the general facility standards of a used oil processor and is in violation of the abovementioned requirement.

2. In order to operate as a used oil processor, containers used to store or process used oil must be equipped with a secondary containment system which has at a minimum, dikes, berms or retaining walls as well as a floor that must cover the entire area within the dike, berm or retaining wall. See 35 IAC § 739.154(c)(1)(A) [40 CFR § 279.54(c)(1)]. It is also required that the entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released from the containment system from migrating out the system to the soil, groundwater or surface water. See 35 IAC § 739.154(c)(2) [40 CFR § 279.54(c)(2)].

   At the time of inspection, two 5-gallon pails and one 55-gallon drum of used oil near the off-loading pump near the 500 series tanks were not in secondary containment. Additionally, numerous totes with used oil near Tanks 100 and 101 sat on a concrete pad without secondary containment. Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

3. In order to operate as a used oil processor, existing aboveground tanks must have a secondary containment system which has at a minimum, dikes, berms, or retaining walls and a floor that must cover the entire area within the dike, berm, or retaining wall except areas where existing portions of the tank meet the ground. See 35 IAC §739.154(d)(1)(A) [40 CFR § 279.54(d)(1)]. It is also required that the entire containment system, including walls and floor, must be sufficiently impervious to used oil to prevent any used oil released into the containment system from migrating out the system to the soil, groundwater, or surface water. See 35 IAC § 739.154(d)(2) [40 CFR § 279.54(d)(2)].

   At the time of inspection, Tanks 1-10, 100, 101, and 120-146 were not in secondary containment sufficiently impervious to prevent used oil from reaching soil. Additionally, an open-top tank covered with a tarp and plywood near the train tracks along the southern border of the facility contained used oil and was not in secondary containment. Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

4. In order to operate as a used oil processor, containers and aboveground tanks used to store used oil at processing facilities must be labeled or marked clearly with the words "Used Oil." See 35 IAC § 739.154(f)(1) [40 CFR § 279.54(f)(1)].

   At the time of inspection, a bucket catching drippings from Tank 101 was not labeled "Used Oil." Numerous buckets and one 55-gallon drum near the triple basin were not labeled "Used Oil." Various 5-gallon gallon buckets and one 55-gallon drum near the off-

loading area by Tanks 1-10 and 120-146 were not labeled "Used Oil." Two 5-gallon pails and one 55-gallon drum near the 500-series tanks were not labeled "Used Oil."

Additionally, oily debris observed in a truck bed was transferred to a nearby tote and 55-gallon drum over the course of the inspection. However, the tote and 55-gallon drum were not labeled "Used Oil." Ortek, therefore, failed to comply with used oil management standards and is in violation of the abovementioned requirements.

5. To ensure that used oil is not a hazardous waste under the rebuttable presumption of 35 IAC § 739.110(b)(1)(B), the owner or operator of a used oil processing facility must determine whether the total halogen content of used oil managed at the facility is above or below 1,000 ppm. See 35 IAC § 739.153(a) [40 CFR § 279.53(a)]. The owner or operator must make this determination by testing the used oil, or applying knowledge of the halogen content of the used oil in light of the materials or processes used. See 35 IAC §§ 739.153(b)(1) and (2) [40 CFR §§ 279.53(b)(1) and (2)].

   At the time of inspection, Ortek presented their "Waste Analysis Plan," which contains a "Material Profile Sheet" that must be completed for all incoming used oil streams. Part J of the "Material Profile Sheet" mentions the rebuttable presumption for used oil, but it does not request a total halogen determination for the used oil or request a basis for knowledge of the used oil's halogen content. Part J also does not provide a location where total halogens may be recorded, nor is there a location elsewhere on the sheet. Total Halogens are not mentioned elsewhere on the "Material Profile Sheet."

   Additionally, Part C of the "Material Profile Sheet" requests general information of the process that generated the used oil, but does not request any information or documentation about the process or its materials used that could lead to an accurate determination of the used oil's halogen content, e.g., the chemical composition of the virgin oil, whether used oil from the same process had been previously analyzed and where to find such information, a certification from the generator that the total halogen content of the used oil is below 1,000 ppm, or if the used oil had been mixed with other waste streams on the generator's site.

   Information requested on the "Material Profile Sheet" does not allow Ortek to properly apply knowledge of the halogen content of the used oil in light of the materials or processes used, nor is it adequate to rebut the presumption of used oil mixture with halogenated hazardous waste listed in Subpart D of 35 IAC § 721 [Subpart D of 40 CFR Part 261]. Ortek, therefore, is in violation of the abovementioned requirements.

6. In order to operate as a used oil processor, owners or operators must ensure that used oil managed at the facility is not a hazardous waste by determining whether the total halogen content is above or below 1,000 ppm. If the used oil contains greater than or equal to 1,000 ppm total halogens, it is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste. The owner or operator may rebut this

presumption by demonstrating that the used oil does not contain hazardous waste. See 35 IAC §§ 739.153(a) and (c) [40 CFR §§ 279.53(a) and (c)].

Test results performed by Ortek on several watery oil streams indicate concentrations of total halogens over 1,000 ppm. On October 5, 2011, a "Daily Received Log Used Oils" sheet indicates that a 3,500 gallon shipment from International Titanium Powder had a chlorine concentration of 7,650 ppm (Ticket # 96760). On October 12, 2011, another "Daily Received Log Used Oils" sheet indicated three shipments also had chlorine concentrations over 1,000 ppm:

- Ticket # 96817 - 2900 gallons from Switch Craft with 3,899 ppm chlorine
- Ticket # 96819 - 4800 gallons from Laser Technology with 3,288 ppm chlorine
- Ticket # 96821 - 850 gallons from HazChem with 1,935 ppm chlorine

All shipments above were placed in Tank 101. At the time of inspection, no information was available to rebut the presumption that the above materials were not mixed with halogenated hazardous wastes. In response to an information request on November 12, 2012, Ortek could provide EPA no further information on these shipments. Ortek could not demonstrate the used oil was not mixed with halogenated hazardous waste and is therefore in violation of the abovementioned requirement.

7. In order to operate as a used oil processor, owners or operators must develop and follow a written used oil analysis plan describing the procedures that will be used to comply with the analysis requirements of the rebuttable presumption for used oil and, if applicable, on-specification used oil fuel. See 35 IAC § 739.155(a) and (b) [40 CFR § 279.55(a) and (b)]. When sample analyses are used to make the determination of used oil as on-specification fuel, the analysis plan must describe the method by which representative samples will be obtained, the location of the sampling and its frequency, and the methods used to analyze used oil for the parameters specified in 35 IAC § 739.172 [40 CFR § 279.72]. See 35 IAC §§ 739.155(b)(2)(A)-(D) [40 CFR §§ 279.55(b)(2)(i)-(iv)].

   On November 12, 2012, EPA received Ortek's most recent "Waste Analysis Plan." As outlined in Violation 5 above, the "Material Profile Sheet" in the "Waste Analysis Plan" is not adequate to rebut the presumption of used oil mixture with halogenated hazardous waste because the sheet does not request total halogen content or related knowledge. Additionally the section "Outgoing On-Spec Used Oil Analysis Plan" does not describe the method by which representative samples will be obtained, the frequency of sampling, or the analytical method and location by which used oil will be tested to meet the parameters of IAC § 739.172 [40 CFR § 279.72]. Descriptions in the "Waste Analysis Plan" are not suitable to comply with the analysis requirements above. Ortek, therefore, is in violation of this requirement.

8. In order to operate as a used oil processor, the facility must be maintained and operated to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden

release of used oil to air, soil, or surface water which could threaten human health or the environment. See 35 IAC § 739.152(a)(1) [40 CFR § 279.52(a)(1)].

At the time of inspection, oil-stained soils were observed near Tanks 120-146. Oil-stained soils were also observed near the triple-basin area and lift-station, and in between Tanks 9 and 133. Ortek, therefore, is in violation of the abovementioned requirement for the general facility standards of used oil processors.

9. No person may conduct any hazardous waste storage, hazardous waste treatment, or hazardous waste disposal without a RCRA permit. See IAC § 703.121(a)(1). Accordingly, owners or operators of hazardous waste management units, including tanks which store hazardous waste, must have permits during the active life of the unit. See IAC § 703.121(b) [40 CFR § 270.1(c)].

At the time of inspection, eight hazardous waste manifests indicated the off-site shipment of D001, D008, and D039 hazardous waste from Ortek Tanks 120, 122, and 146. The manifests were:

- 001528685 GBF on November 1, 2011
- 001528686 GBF on November 2, 2011
- 001528724 GBF on November 7, 2011
- 001528725 GBF on November 8, 2011
- 001528726 GBF on November 9, 2011
- 001528727 GBF on November 10, 2011
- 001528729 GBF on November 11, 2011
- 001528730 GBF on November 14, 2011

These manifests displayed the generator of the hazardous waste to be RS Used Oil Services, Inc. (RS) albeit with the site address of Ortek. When asked about the hazardous waste shipments during the inspection, Ortek personnel indicated the material originally came to Ortek in April and May of 2011 through RS, a used oil transporter which routinely brings used oil to Ortek tanks. Ortek personnel pointed out five incoming shipments in April and May 2011 on an RS Account Statement for Ortek dated 7/7/2011. These five shipments (April 1 and May 2, 6, 9, and 17, 2011) were identified by Ortek personnel as the material that was later shipped off Ortek's site on the hazardous waste manifests above.

In response to an information request on October 10, 2012, RS Used Oil Services provided EPA analytical tests performed by Precision Petroleum Labs, Inc. on September 9, 2011 for material in Ortek Tanks 120, 122, 132, 146 and 500. In addition to demonstrating that the material in Tanks 120, 122 and 146 were characteristic for D001, D008 and D039 hazardous wastes, the results also showed that material in Ortek Tank 132 was characteristic for D001, D007, D008 and D039 hazardous waste. Ortek, therefore was storing hazardous waste in Tanks 120, 122, 132, and 146 without a hazardous waste permit and is in violation of the abovementioned requirements

Additionally, and as outlined in Violation 6 above, Ortek failed to provide information to rebut the presumption of used oil mixture with halogenated hazardous waste for four incoming used oil shipments in October, 2011. The four used oil streams had total halogen concentrations greater than 1,000 ppm and were initially placed in Tank 101. Ortek, therefore, was also storing hazardous waste in Tank 101 without a hazardous waste permit and is in violation of the abovementioned requirements.

10. Owners or operators of facilities that use tank systems for storing or treating hazardous wastes must follow the regulations of Subpart J of IAC § 725 [Subpart J of 40 CFR § 265].

As outlined in Violation 9 above, Ortek stored hazardous wastes in Tanks 120, 122 and 146 until such wastes were shipped off-site in November, 2011. Ortek also stored hazardous waste in Tank 132 and Tank 101. Ortek, therefore, was storing hazardous waste in Tanks 101, 120, 122, 132, and 146 and was required to meet the hazardous waste storage tank requirements in Subpart J of IAC § 725. Ortek failed to do so. Ortek, therefore, is in violation of the abovementioned requirement.

According to Section 3008(a) of the Resource Conservation and Recovery Act (RCRA), EPA may issue an order assessing a civil penalty for any past or current violation requiring compliance immediately or within a specified time period. Although this letter is not such an order, we request that you submit a response in writing to this office no later than thirty (30) days after receipt of this letter documenting the actions, if any, which have been taken since the inspection to establish compliance with the above conditions and requirements.

You should submit your written response to Brian Kennedy, United States Environmental Protection Agency, Region 5, 77 West Jackson Boulevard, LR-8J, Chicago, Illinois 60604. If you have any questions regarding this letter, or if you wish to confer with us regarding the issues stated above or to present any relevant information you believe we should consider, please contact Mr. Kennedy, of my staff, at (312) 353-4383.

Sincerely,

Gary Victorine, Chief
RCRA Branch

Enclosure
Inspection Report and Checklists

cc: Anna VanOrden, IEPA – Des Plaines District Office (anna.vanorden@illinois.gov)

U. S. Environmental Protection Agency
Region 5, Land and Chemicals Division
RCRA Branch, LR-8J
77 West Jackson Blvd
Chicago, IL 60604

RCRA COMPLIANCE EVALUATION INSPECTION REPORT

SITE NAME: Ortek Inc.

EPA ID NUMBER: ILD000646786

ADDRESS: 7601 West 47th Street
Mc Cook, Illinois 60525

DATES OF INSPECTION: December 9, 14, and 21, 2011 and January 30, 2012

EPA INSPECTOR: Michael Beedle

PREPARED BY: Michael Beedle — Date: 2/3/12

ACCEPTED BY: Paul Little, Chief, CS2 — Date: 2-3-12

Purpose of Inspection
This inspection was an evaluation of the Ortek Inc.'s compliance with hazardous waste and used oil regulations found at Illinois Administrative Code and the Code of Federal Regulations. The inspection was an EPA lead RCRA Compliance Evaluation Inspection (CEI).

Participants
Inspector:
Michael Beedle, Environmental Scientist, EPA

Representatives of Ortek:
Robert Kolar, Project Manager
Laurie Witter, Office Manager

Introduction
This inspection was conducted over four separate days on December 9, 14, and 21, 2011 and January 30, 2012. I first arrived at the site at approximately 10:10 AM on December 9th. I met with Ms. Witter and Mr. Kolar introduced myself; presented my inspector credentials and business card; and described the purpose and the process of the inspection. Mr. Kolar provided a description of the site and led the tour. Ms. Witter and Mr. Kolar provided records for review. Ortek has approximately seven employees. Ms. Witter and Mr. Kolar typically work to approximately 4:30 PM.

I provided a Small Business Resources information sheet to Mr. Kolar on December 21st. Mr. Kolar and Ms. Witter indicated that the owner of the facility is currently in prison and that they were doing the best they could in consideration of the circumstances. (See: http://www.mysuburbanlife.com/lagrange/features/x1328933671/Man-barricaded-in-home-in-McCook-Lyons-area)

Site Description
Ortek has notified as used oil refiner and marketer. The site takes in used oil, waste antifreeze, and non-hazardous wastewater. The site use to distill the used oil to manufacture gas oil. The site's stills have not operated since January 2010 or January 2009. Ortek took in crank case oil from Future Environmental and distilled it for them. The site formerly made lube oil many years ago.

Ortek takes in wastewater that has a small amount of oils on it. The site consolidates the wastewaters. When enough oil is on the top of the water, the oil removed. The site discharges the separated water to the sewer per a pretreatment permit. The site does not treat the water with chemicals. It only separates oil from the water. It operates as a Centralized Wastewater Treatment facility.

The site reclaims antifreeze. The site filters antifreeze and removes any oil from the top of it. The site then adds ingredients to antifreeze to meet specification. The site sends antifreeze samples offsite to make sure it meets the final product specifications.

The site packages and sells the antifreeze and reclaimed oil to Mazan Khatib of New World Sales who sold the material under the Super XXX product brand. Mr. Kolar said there is another company out there using the Ortek Super XXX label that is putting out bad material. He said there is an investigation of who is using their label.

Mr. Kolar checks the used oil for chlorine and PCBs using an Oxford XRF. He said the sample is taken as the tanker is offloaded. He said the used oil is placed into a tank and is segregated until the analytical is completed. He said they have rejected loads with high chlorine.

Mr. Kolar said the material received is mostly water. He said the oil floats to the top of the water. He said the water is sent to the wastewater treatment plant. He said the water is not treated with any chemicals. The water is discharged to the sewer. Only gravity separation is used for the treatment. I asked about the solids settling out of the oil and wastewater. He said the solids are still in the tanks and have not been removed for a number of years.

Mr. Kolar said chemicals are added to oil to help the separation from water. He said caustic, alum and polymers are added. He said the oil is sold or returned to their customers. The site main customers were identified as: Future Environmental, North Branch Environmental, Turn-Key, Haz Chem, and Illinois Recovery Group.

Mr. Kolar said the solids/sludge from their oil/antifreeze/wastewater processing are in the tanks. He said there are solids generated in the filtration of antifreeze in socks. Mr. Kolar and Ms. Witter said the last time the solids were removed was 4 or 5 years ago by Best Environmental.

Site Tour

We toured the site observing the lab; used oil tanks; stills; the triple basin; oil and antifreeze packaging; and the wastewater treatment plant. I took photographs of the various waste operations and waste storage/accumulation areas during the inspection. See the photographs in Attachment A.

We started the tour in the lab. The site runs flash point on material they are sending offsite. Mr. Kolar said the site rejects gasoline. The lab has a GS/MS that is currently down. The site sends samples out for such analysis as necessary. The site use pH paper to determine the pH of a material. The site has centrifuge and will do DSW on a occasion. DSW is a centrifugal analysis to determine the amount of oil, water and solids in a sample of material. The site also does solvent extraction of some material in the lab. The site uses acetone, and toluene for the extractions. The acetone and toluene are placed into a lab oil bucket. The lab oil is returned to the oil tanks.

We observed tank 101. It was labeled used oil. It did not have secondary containment (photos 1-5). There were a tray and a 5 gallon bucket outside of tank 101 to catch oil drippings (photos 3-5). There was a small amount of oil in each. Neither were labeled or marked used oil.

We went to the boiler and observed tanks (200 series) for finished products and additives. The boiler and finished oil products operations had not been running for a couple of years.

I observed tanks 1, 2, and 3. The tanks were labeled used oil. These tanks were in secondary containment. Mr. Kolar said that water is taken off the oil and it is dehydrated in theses tanks. I observed the triple basin where debris/dirt is separated off oil. I took pictures of the basin (photos 6, and 15-18). The basin is pumped to tank 101. Tanks 1-6 take water off oil and the water is sent to the wastewater treatment plant. There was oily debris on top of the basin's grates and several 5-gallon buckets (photos 15 and 17). The buckets were not labeled used oil. In the offloading area near tanks 1-10 and tanks 120-146 there were numerous 5-gallon buckets (photo 7) and a 55 gallon drums holding used oil. These containers were not labeled or marked used oil.

I observed a truck being loaded during the tour. Illinois Recovery Group (IRG) out of Franklin Park and Morris was picking up oil. The driver, Zach Petry, said the truck was going to the Morris facility to a storage tank. He said the material is sold to asphalt companies as fuel.

We walked on the south side of the 1-10 and 120-146 tanks. The tanks do not have secondary containment. The soil near these tanks appeared to be oil stained (photos 8 and 9). Tanks 1-10 are on a concrete pads but do not have secondary containment walls.

I observed a monitoring well during the tour (photo 10). Mr. Kolar said that there were 8-10 monitoring wells onsite. I took pictures of the catch basins, lift station, and triple basin south of the 1-10 and 120-146 tanks (photos 11-26). The catch basins are used capture liquid run off from the processing areas (photos 11- 14, 16, 24 and 25).

The lift stations (photos 19 and 20) are used to send material to the wastewater treatment plant. I observed that oil was being released from the triple basin, catch basin and lift station area onto the adjacent soil (photos 11-14, and 16). I observed sludge/solids in the bed of a truck (photos 21, 24 and 26) in this area. The tarp over the sludge was torn and not covering the material. Mr. Kolar said the sludge was from loading and offloading at the triple basin.

There is an area south of these tanks where oil was formally loaded/off-loaded into rail cars (photos 22-23). The secondary containment under this area had oil in it. I observed an old tank that had a worn tarp and plywood on it (27-29). Mr. Kolar said the tank was approximately ¾ full of sludge. Photo 29 is under the plywood and tarp. Sludge, debris and liquid can be seen in the photo.

Tank 100 has flexible piping from it to the triple basin area (photo 30). Outside of tank 100, I observed oil sludge on the ground (photo 31). The tank was labeled used oil but did not have secondary containment (photo 32). The level indicator on tank 100 showed that the tank was approximately half full (photo 33).

I observed a tanker truck arriving at Ortek from Turn-Key. I talked to the driver, Brandon Miller. He showed me non-hazardous wastewater manifest he was carrying. The material on the manifest was rejected by Klean Water in Indiana and was rerouted to Ortek.

We went into a building called the grease shack (photos 34-41). Mr. Kolar indicated that the building had not been used for a number of years. There were numerous abandoned drums, containers, and six lead acid batteries in the building. Some of the material was hazardous material in 5-gallon cans (approximately 12 cans). This material included chlorobenzene, 2-propanol, pyranol (PCB) and a can marked poisonous (catechol) (photos 37-39). I discussed with Mr. Kolar the dangers of abandoned chemicals and that it is common for such material to start leaking. I also mentioned waste requirements associated with spent batteries.

I next observed the offloading pumps near the 500 series tanks (photos 42 and 43). There were two 5-gallon pails without lids and a 55-gallon drum in this area. The pails were not labeled or marked used oil and contained oil. One had a large filter in it. The 55 gallon drum was closed and labeled used oil. The containers were not in secondary containment.

I observed tank 400 (photos 44 and 45). It is 250,000 gallon tank that is used to store used oil from Future. This is the oil that would be refined into gas oil if that operation resumes. Tank 400 is labeled used oil and has secondary containment. It is mostly full.

We went to wastewater treatment plant. Near this area there was spill a couple years ago from a heavy rain event. Mr. Kolar indicated that Future helped clean up the spill and that oil eating microbes were placed in the area. I did not observe any residual oil staining in the area.

Mr. Kolar said the wastewater treatment consists of API oil water separator. He said there was no chemical additive used to treat the water. He said that only physical separation occurs. He said that the oil recovered from it is pumped to tank 323. He said the solids from the treatment are still in the tanks. He said the solids had not been removed for a couple of years.

I observed the thermal oxidizer, three stills, hydrotreating treatment units and associated tanks that are used for refining the used oils. These units were not operating.

Record Review

After the tour on December 9, I met with Ms. Witter and Mr. Kolar. We further discussed site operations. It was reported that Future uses tanks 7, 8 and 400 for oil storage. In tanks 7 and 8, Future drops and picks up used oil on a routine basis. Tank 400 used oil has been in storage for a couple years. Mr. Kolar said all waters go into the triple basin which in turns goes into tank 101. Tank 101's water is taken off and sent to the WWTP. Oil is moved to another tank where more water may be removed. If the oil is dry enough it is sold to a customer. Ortek will sell it to Illinois Recovery or Future. Ms. Witter said that Ortek does not get analytical results with water shipments.

Because of participants' schedules, we discussed performing the record review on another day. I described the documents I would like to review which included: a site diagram, used oil manifests, antifreeze shipments, analytical data on the material received and shipped, the analysis plan and the biennial report. The inspection ended at 2:00 PM on December 9, 2011. Mr. Kolar emailed me a site diagram after the first day of inspection was completed (Attachment B).

December 14

I returned to Ortek on December 14, 2011 at 1:30 PM to review documents. I met with Mr. Kolar and Ms. Witter. Mr. Kolar further described the antifreeze process to me. He said the antifreeze is coming in a similar manner as oily waste. It does not come into the wastewater system. He said the site processes the antifreeze to make new antifreeze. He said they separate the oil and glycol. The antifreeze is filtered, the pH is adjusted, and an additive package including surfactants and more glycol are added. He said Mazen Khatib (New World Sales) is the person that Ortek bottles up the material under the Super XXX brand. Ms. Witter said that Mr. Khatib is not part of Voyager Petroleum. Voyager Petroleum comes up when a web search of Super XXX is done. Mr. Kolar said the antifreeze sits for month for separation. He said the material is packaged approximately twice a month depending on demand. It is package into 1-gallon jugs.

I asked about the storage of Future's oil. Mr. Kolar said the Future's oil is not processed. I asked if any of the Future material was stored more than 35 days. He said in tank 400 it is. As of November 2010 there was approximately 230,000 gallons of used oil in tank 400 per scale records. Tank 400 is a 250,000 gallon tank. Future's contacts are Steve Lempa, owner; and Jim Tietz, Vice President; Future's phone number is 708-479-6890. The crank case oil was vacuum distilled to make gas oil. It was shipped offsite and further processed by another company to make gasoline.

Ortek brings in antifreeze and wastewater on manifests and used oil on bills of lading. I reviewed some of Future's incoming and outgoing shipping documents for 2011. I did not see used oil rebuttable presumption information for the shipments.

I reviewed shipping documents for a company named RS Used Oil Services. In this folder there were several incoming and outgoing shipping documents, invoices and communications. There were eight hazardous waste manifests that had the generator's name and mailing address as RS Used Oil Services, Inc., 25903 S. Ridgeland Avenue, Monee, Illinois 60449. The Generator's ID was ILR000167478. The generator's site address was Ortek's, 7601, W. 47th Street, McCook, IL 60525. Ziron Environmental Services was the transporter on the manifests. The designated receiving facility was Green Castle WDF Facility in Indiana. The U.S. DOT description was RQ, UN 1992, Waste Flammable Liquids, N.O.S., 3 (6.1), PGII (RQ-D001)(Petroleum Distillates, Tetrachloroethylene). The waste codes on the manifests were D001 (ignitable), D008 (lead), and D039 (tetrachloroethylene).

Ms. Witter provided copies of two manifests, one land disposal restriction notification, a spreadsheet with shipment information and an email communication related to RS hazardous waste shipments (Attachment C). The material was removed from tanks 146, 122, and 120 per the spreadsheet and email communications. An account statement showing shipments to Ortek from RS was provided to me. Ms. Witter said the six shipments highlighted from RS on the account statement were the material sent offsite on manifests. The received material highlighted was date ranged from 4/14/11 to 5/17/11. The hazardous waste manifests were shipped from 11/1/11 to 11/14/11. A total of 41,312 gallons were shipped offsite as hazardous waste. Ms.

Witter said the material did not meet specs and was sent offsite. Ms. Witter provided documents related to RS shipment to Ortek on 4/14/11 (Attachment D).

The generator's ID on the manifests is not the same as Ortek's. Searching this ID comes up with the RS as the generator at Ortek's address in McCook. The notification says the generator is a Large Quantity Generator. See Ortek's notification information in Attachment E and RS' notification information in Attachment F.

Mr. Kolar provided a copy or the Ortek's Used Oil Management Waste Analysis Plan (Attachment G). Mr. Kolar said that manifests received are entered into spreadsheet approximately every other day. He said analytical data is recorded on a daily basis in log sheets. I reviewed the manifest of the wastewater that was rejected from Klean Water in Griffin Indiana that Turn-Key rerouted to Ortek. This was the shipment I observed during the site tour on December 9. There was nothing unusual marked on the manifest. The inspection on December 14 ended at approximately 4:15 PM. I arranged to continue the inspection on another day to be able complete the inspection checklist.

December 21, 2011

I arrived at approximately 2:00 PM. I met with Mr. Kolar and Ms. Witter to complete the used oil inspection checklist and to review the analytical records kept by Ortek. Mr. Kolar provided a copy of the Spill Prevention, Control and Counter Measures Plan (Attachment H); documents associated a July 24, 2010 spill and response (Attachment I); Ortek's Illinois Nonhazardous Special Waste Annual Report (Attachment J); and a copies of Certificate of Analysis for samples identified as glycol; oil 503; and WO 4, 5, 6, 101 (Attachment K). The glycol analysis had an arsenic results of 25.58 ppm. The WO 4, 5, 6, 101 sample had chromium levels at 179 ppm.

Mr. Kolar indicated that he uses approximately 1-gallon of acetone every two months; and 1-gallon of toluene every six months for solvent extraction of oil in the lab. He said he runs chlorine analytical on everything they bring in except antifreeze product. The Oxford XRF was not running and was shipped offsite for repair. He said it worked for a few days then went down again. Mr. Kolar reported that the site is still receiving some waters.

Mr. Kolar thought the site was a centralized waste treater. Mr. Kolar said that since Jamie Snyder left that there was no compliance person onsite. They reported that Mr. Snyder and Mr. Aughenbaugh did most of the environmental compliance work for the site. Mr. Kolar said he was hired to run the vacuum distillation oil refining units and he was not hired for environmental compliance.

Ms. Witter said the site is not really taking in material at this time because of the Oxford being down. She said the site will bring in water and oil when the Oxford is fixed. Mr. Kolar and Ms. Witter said that three or four years ago, solids were taken out of the site. They thought Best Environmental is the contractor that came in and took out the solids.

It was reported that Future uses Tanks 7 and 8 for a few days to a week at most for storage of used oil and that tank 400 was storing Future's used oil for more than 35 days.

I reviewed some of the chlorine analytical data. I was somewhat confused by the system Ortek used. The Oxford printout was in percentages. Mr. Kolar wrote down the percentages as parts per million (ppm) in a log book on occasion. For example, I observed an Oxford printout of 0.149% and the recorded value of 0.149 ppm was recorded in the log. I mentioned to Mr. Kolar that it is my understanding that a reading of 0.149% is equivalent to 1,490 ppm. Mr. Kolar and I discussed this information.

I partially completed an used oil inspection checklist during the December 21 inspection (Attachment L). I was not able to fully evaluate information needed to complete the rebuttable presumption of mixing of used oil with hazardous waste. I mentioned that Ortek should have the generators rebut the presumption for each shipment and a profile with analytical data should be completed for each waste stream. The inspection on December 21 ended at 4:30 PM. I made arrangements to come back when the Oxford was working and to review the reporting of results.

January 30, 2012 Record Review

I arranged to observe the analytical device that Ortek uses for chlorine analysis. I arrived at the site at 10:30AM. I met with Mr. Kolar and Ms. Witter. We went to the lab and observed the Oxford Lab X3000 XRF. The device measures chlorine and sulfur content. Mr. Kolar demonstrated how the device is used on a sample received. Mr. Kolar keeps a log of chlorine results and pH by scale ticket number for each shipment received. The document is entitled "*Daily Receiving Log Used Oils*" (Daily Log). The Oxford analytical printout is stapled to the log. The printout reports percentage of chlorine. Mr. Kolar mostly recorded the percentage on the log up to December 21, 2011 when we discussed the difference between percentage and parts per million. The log is kept in the laboratory.

I observed on the Daily Logs that for the days October 5, and October 12, 2011 that specific shipments received were above 1000 ppm chlorine. On 10/5, generator ITD, load 8, scale ticket 96760, the chlorine results were recorded as 0.7650 (7650 ppm). Ms. Witter provided a copy of this manifest associated with this ticket number. On 10/12 there were three shipments above 1000 ppm chlorine on the log and printouts. Scale ticket numbers 96817 and 96819 had analysis results of 0.6626% and 0.3288% respectively. Ms. Witter provided copies of these manifests for these two ticket numbers. See the Daily Logs and Manifests in Attachment M.

I observed numerous manifests for incoming shipments for January 2012. Most of the shipments were of wastewater. I observed samples that Ortek takes of each shipment. The sample jar is marked with the last three digits of the scale ticket number. I observed some samples of tank 101. It appeared to be half water and half oil. There were samples of oil/water transferred from tank 101 to tanks 126, 127, and 132 in the laboratory too. Mr. Kolar said the water is first taken off tank 101 and the oil is transferred to other tanks for further drying. According to Mr. Kolar this makes the drying easier and less chemicals are used for drying (water separation and removal).

I asked Mr. Kolar and Ms. Witter about the RS hazardous waste shipments. Mr. Kolar said the chlorine was too high in the oil. Ms. Witter said she told RS to pick up the material because Ortek could not use it. Ms. Witter said she did not know why it was hazardous waste.

I asked Mr. Kolar and Ms. Witter about the RS notifying as a large quantity generator and getting a EPA ID number for the Ortek address. Both said they did not know that RS had done so. Ms. Witter said that RS did not have a lease on any of Ortek's tanks.

Mr. Kolar provide a copy of a spreadsheet describing the current inventory: "*Ortek Storage Tanks Inventory*". Mr. Kolar stepped through the current inventory. I took notes on the document as we discussed it (Attachment N). Mr. Kolar did not know what was in 143 and 144 from memory. Ms. Witter called one of the tank operators to determine the contents. Tank 143 contents was distilled oil from when the distillation units were operating two years ago, other referred to as dried crank case oil. Tank 144 content was mostly dry oil with a little water in it from Haz Chem.

January 30, 2012 Tour

I briefly toured some of the concern areas identified during the December 9 tour. I took photos of some of the concerns. We went to the used oil container at the offloading area near tank 133. The container was a 275 gallon tote with the top cut off (photos 46-48). It was labeled used oil. Mr. Kolar said Ortek put down a secondary containment in the area. The asphalt was sloped and had side curbing (photo 48). I observed there was oil stained soil in between tanks 9 and 133 (photo 49).

I observed the truck that contained oil contaminated debris in its bed. Ortek had placed a new tarp and completely covered the waste after the 12/9/11 tour. Mr. Kolar said that Ortek started to place such solids in a drum and tote. The 55-gallon drums and the 1-cubic yard tote were not closed or labeled used oil. The containers were located at the railroad car offloading area(photos 51 and 52).

Orteck stores a number totes on a concrete pad. The pad does not have curbing or walls. The pad is in between tanks 100 and 101. The majority of the totes were labeled used oil. Mr. Kolar said the containers, for the most part, were empty. However there were at least three containers that were ¼ to 1/3 full (photos 53-55).

We continued to the grease shack to view the 5-gallon cans. I told Mr. Kolar that the pyranol was tradename for PCBs. He was surprised and did not know why the site would have it. We viewed cans in the shack. The labeled cans had material in them. Some of the unlabeled cans did not. The can above the pyranol was rotated to be able read the label. It was butyl alcohol (photo 56). The can chlorobenzene can was light and may have been mostly empty.

One additional labeled can was discovered amongst the various excess equipment in the grease shack. The product description of the can could not be read but it did have a flammable liquid DOT label on it and material in it (photos 57-58).

We finished the tour by observing the offloading area near the 500 series tanks. The used oil container was closed, in good condition, and labeled but was not in secondary containment (photo 59).

Closing Conference

I summarized the secondary containment of tanks and containers; hazardous waste shipments; profile information; and rebuttable presumption issues and concerns identified during the inspection. The inspection concluded at approximately 12:50 PM on January 30, 2012.

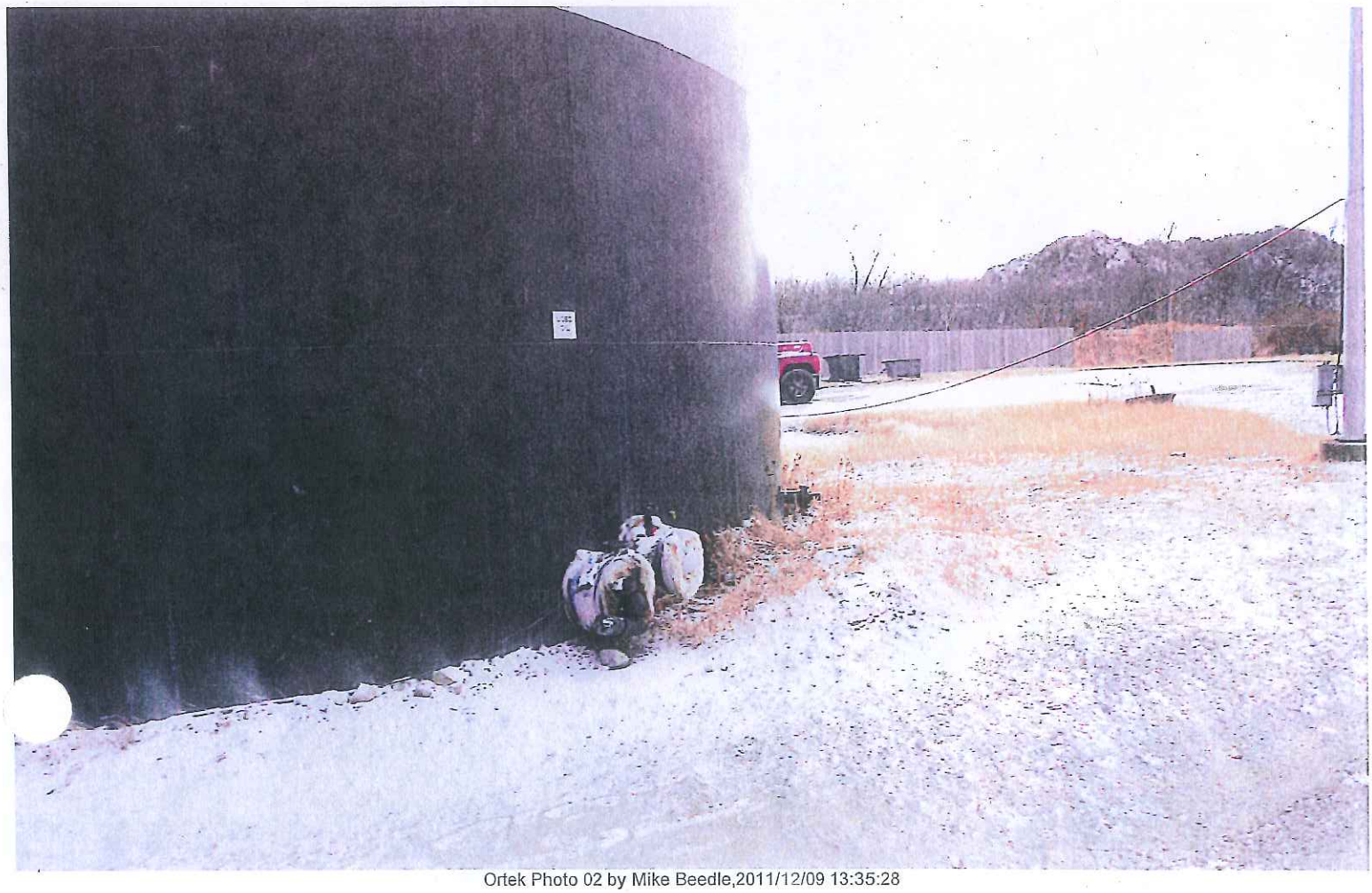
Attachments

A. Photographs
B. Site Diagram
C. RS Hazardous Waste Shipment Documents
D. RS 4/14/11 Shipment Information
E. Ortek's Notification
F. RS Used Oil Services' Notification
G. Used Oil Waste Analysis Plan
H. SPCC Plan
I. Release Information 7/24/10
J. Special Waste Annual Report
K. Analysis
L. Checklist
M. Daily Logs and Manifests
N. Ortek Tanks Inventory

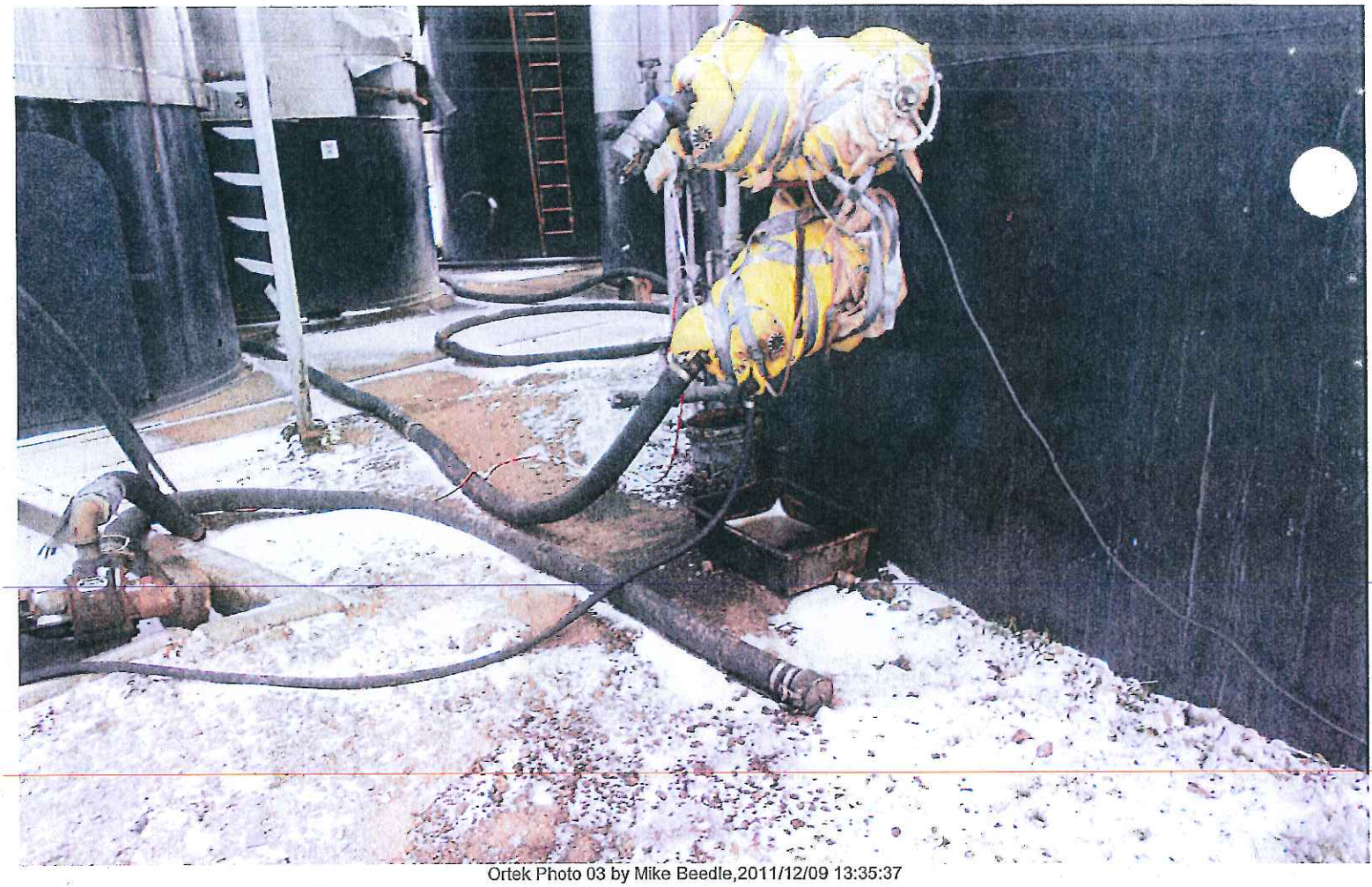
ATTACHMENT A

Photographs

Ortek Photo 01 by Mike Beedle,2011/12/09 13:33:53



Ortek Photo 02 by Mike Beedle,2011/12/09 13:35:28

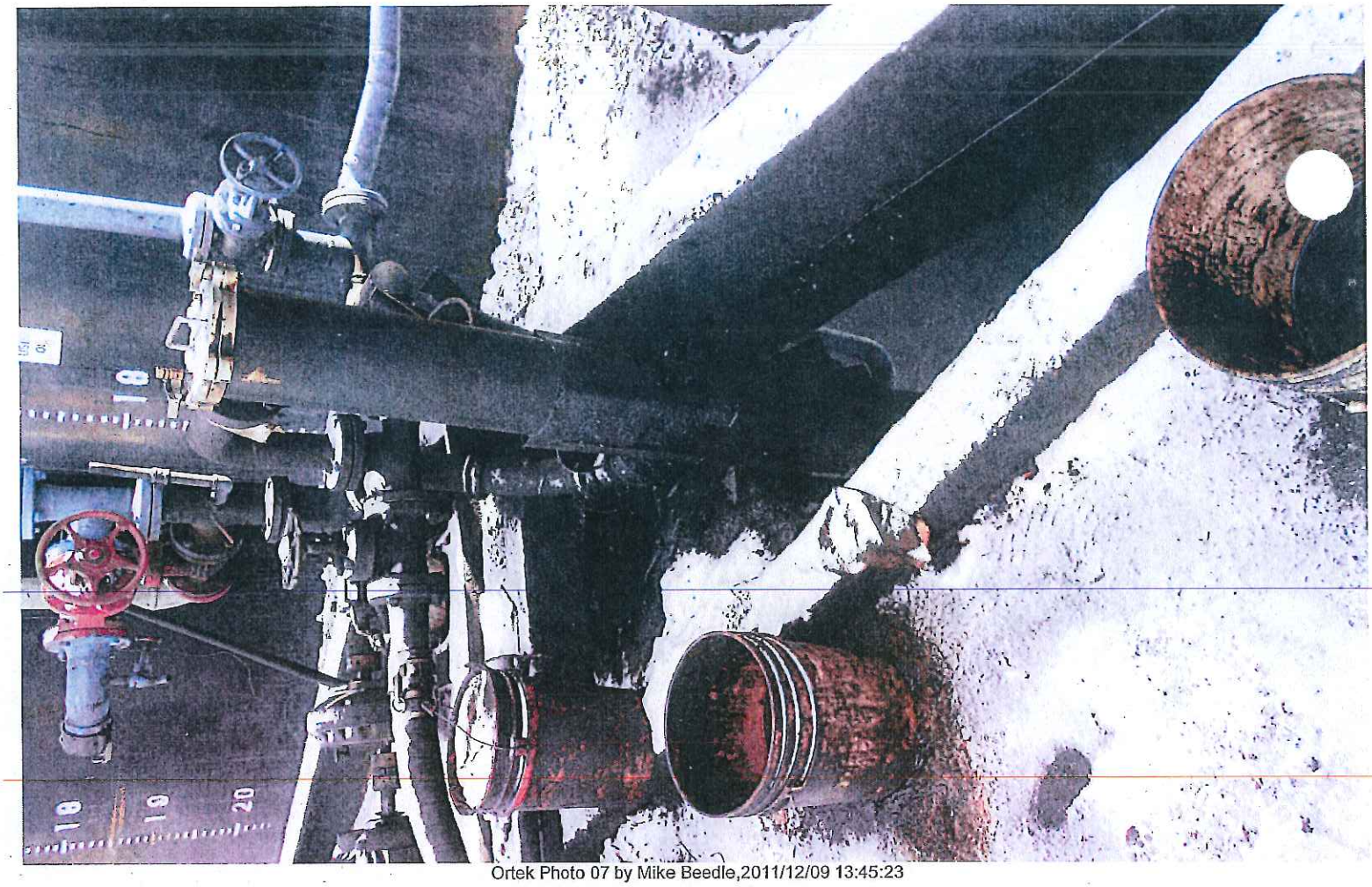


Ortek Photo 03 by Mike Beedle,2011/12/09 13:35:37

Ortek Photo 04 by Mike Beedle,2011/12/09 13:35:46

Ortek Photo 05 by Mike Beedle,2011/12/09 13:36:01

Ortek Photo 06 by Mike Beedle,2011/12/09 13:38:29



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Ortek Photo 08 by Mike Beedle,2011/12/09 13:49:13

Ortek Photo 09 by Mike Beedle,2011/12/09 13:49:49

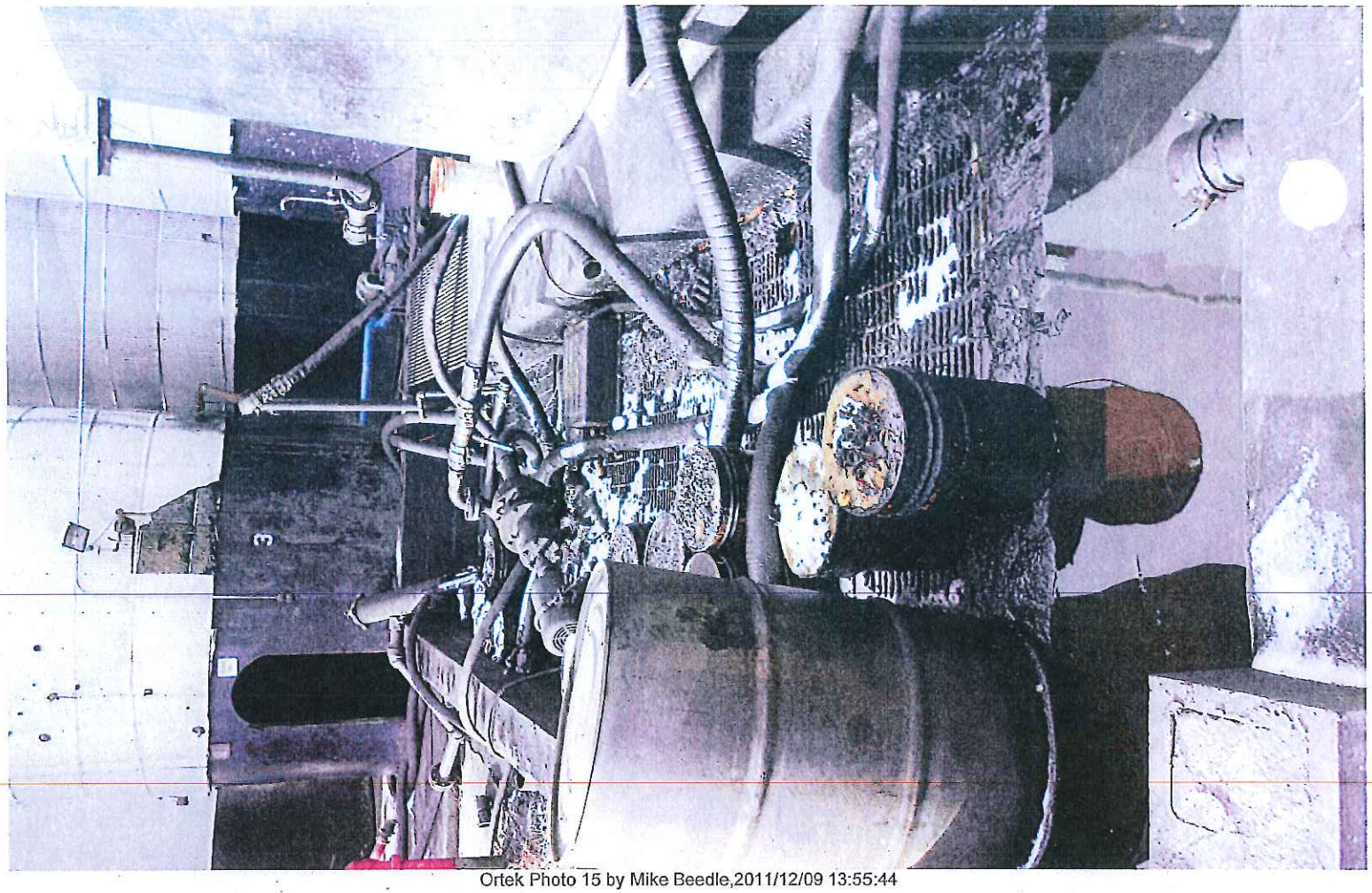
Ortek Photo 10 by Mike Beedle,2011/12/09 13:51:32

Ortek Photo 11 by Mike Beedle,2011/12/09 13:51:56

Ortek Photo 12 by Mike Beedle,2011/12/09 13:53:07

Ortek Photo 13 by Mike Beedle,2011/12/09 13:54:15

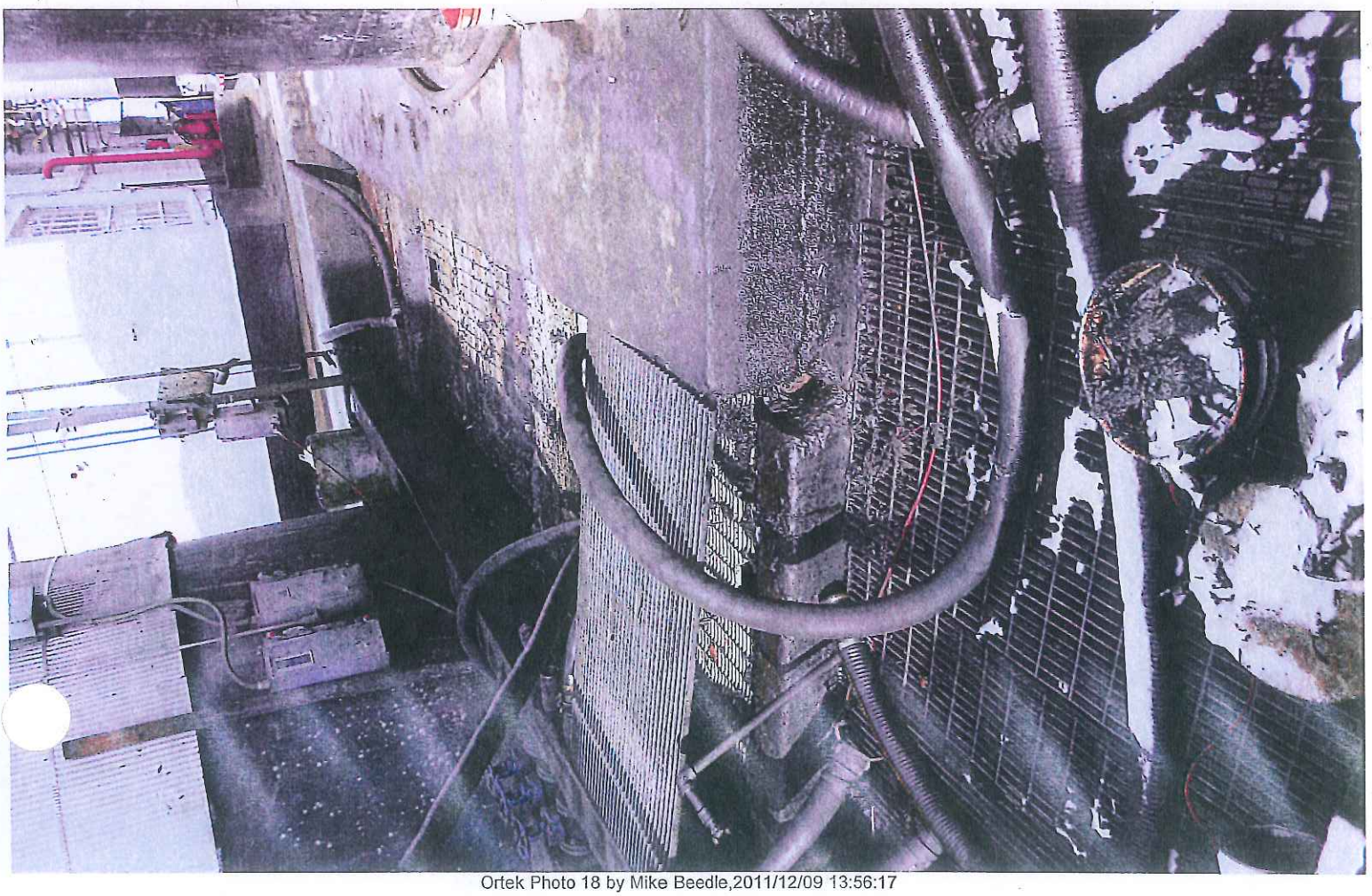
Ortek Photo 14 by Mike Beedle,2011/12/09 13:55:37



Ortek Photo 15 by Mike Beedle,2011/12/09 13:55:44

Ortek Photo 16 by Mike Beedle,2011/12/09 13:55:56

Ortek Photo 17 by Mike Beedle,2011/12/09 13:56:10



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Ortek Photo 19 by Mike Beedle,2011/12/09 13:56:22

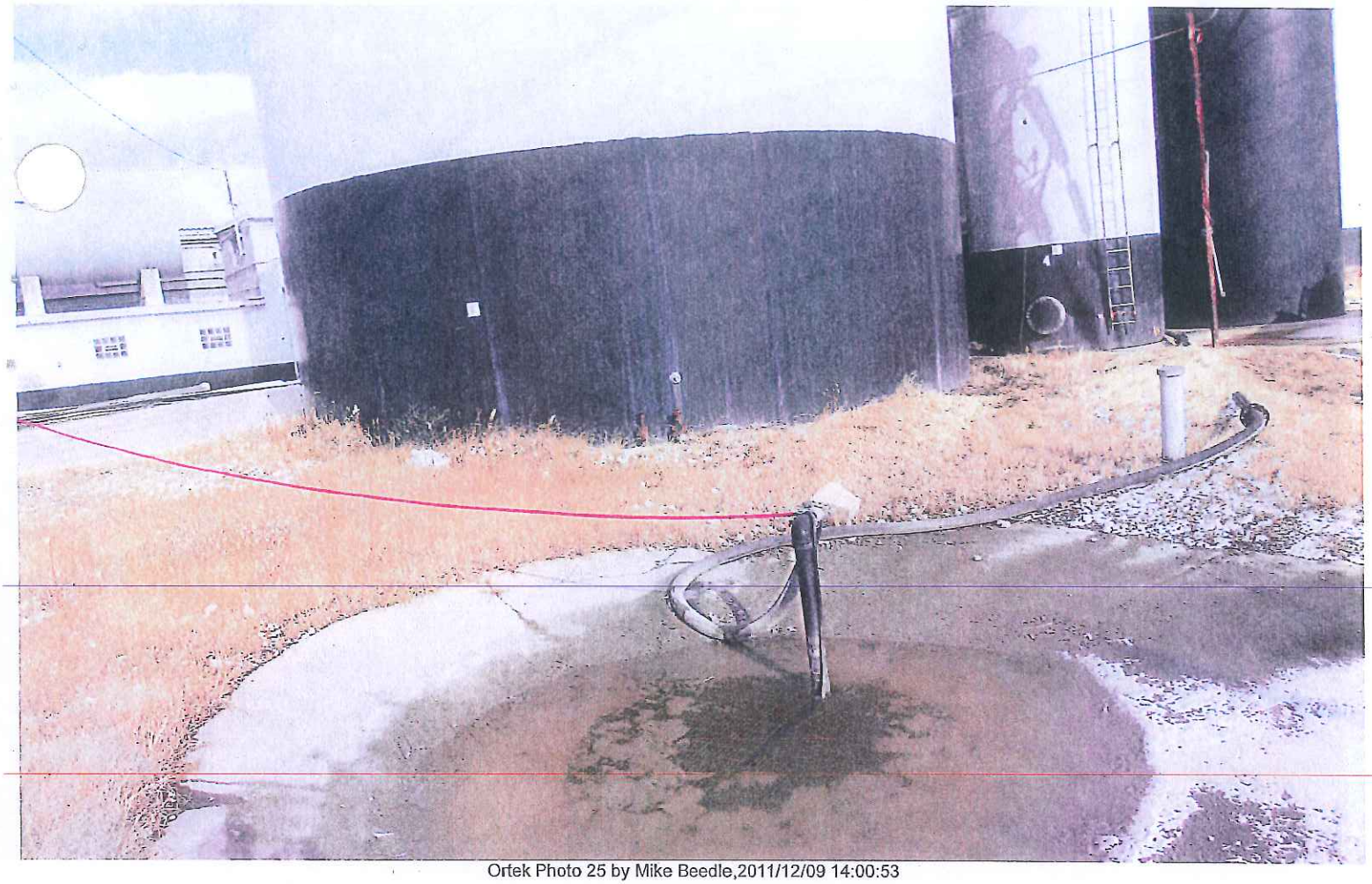
Ortek Photo 20 by Mike Beedle,2011/12/09 13:56:34

Ortek Photo 21 by Mike Beedle,2011/12/09 13:57:00

Ortek Photo 22 by Mike Beedle,2011/12/09 13:58:57

Ortek Photo 23 by Mike Beedle,2011/12/09 13:59:28

Ortek Photo 24 by Mike Beedle,2011/12/09 14:00:31



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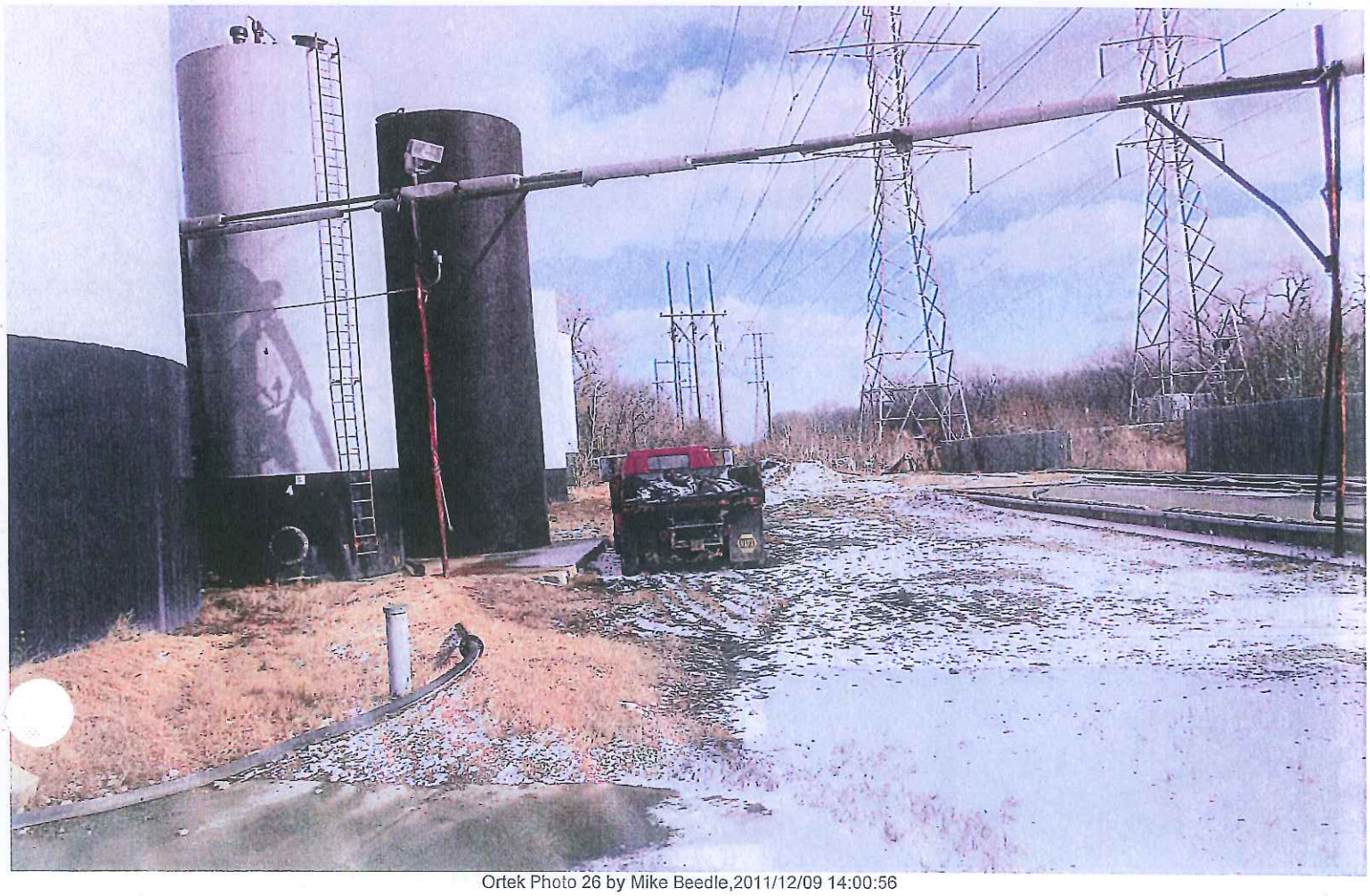
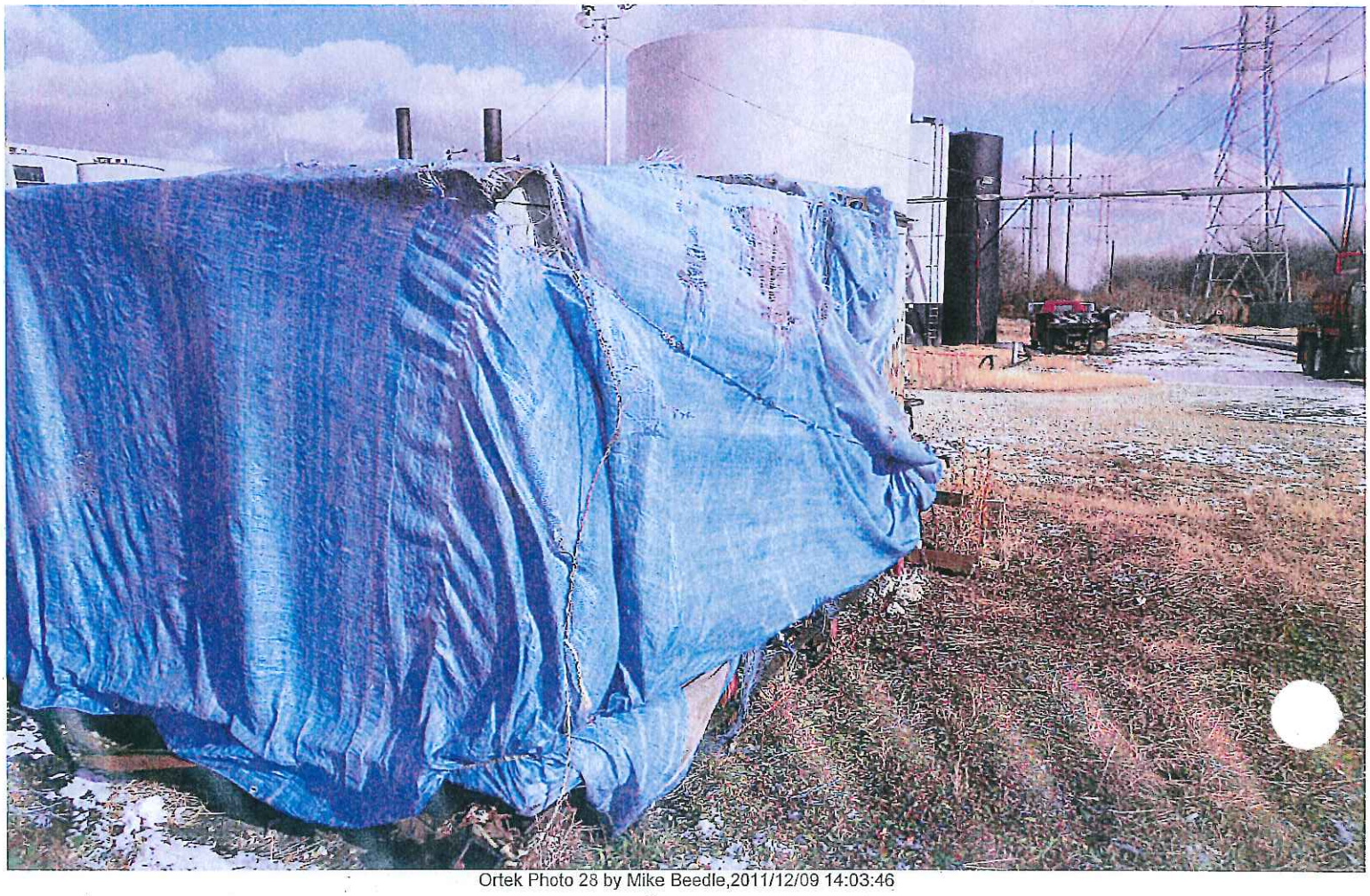


Ortek Photo 26 by Mike Beedle,2011/12/09 14:00:56

Ortek Photo 27 by Mike Beedle,2011/12/09 14:03:38



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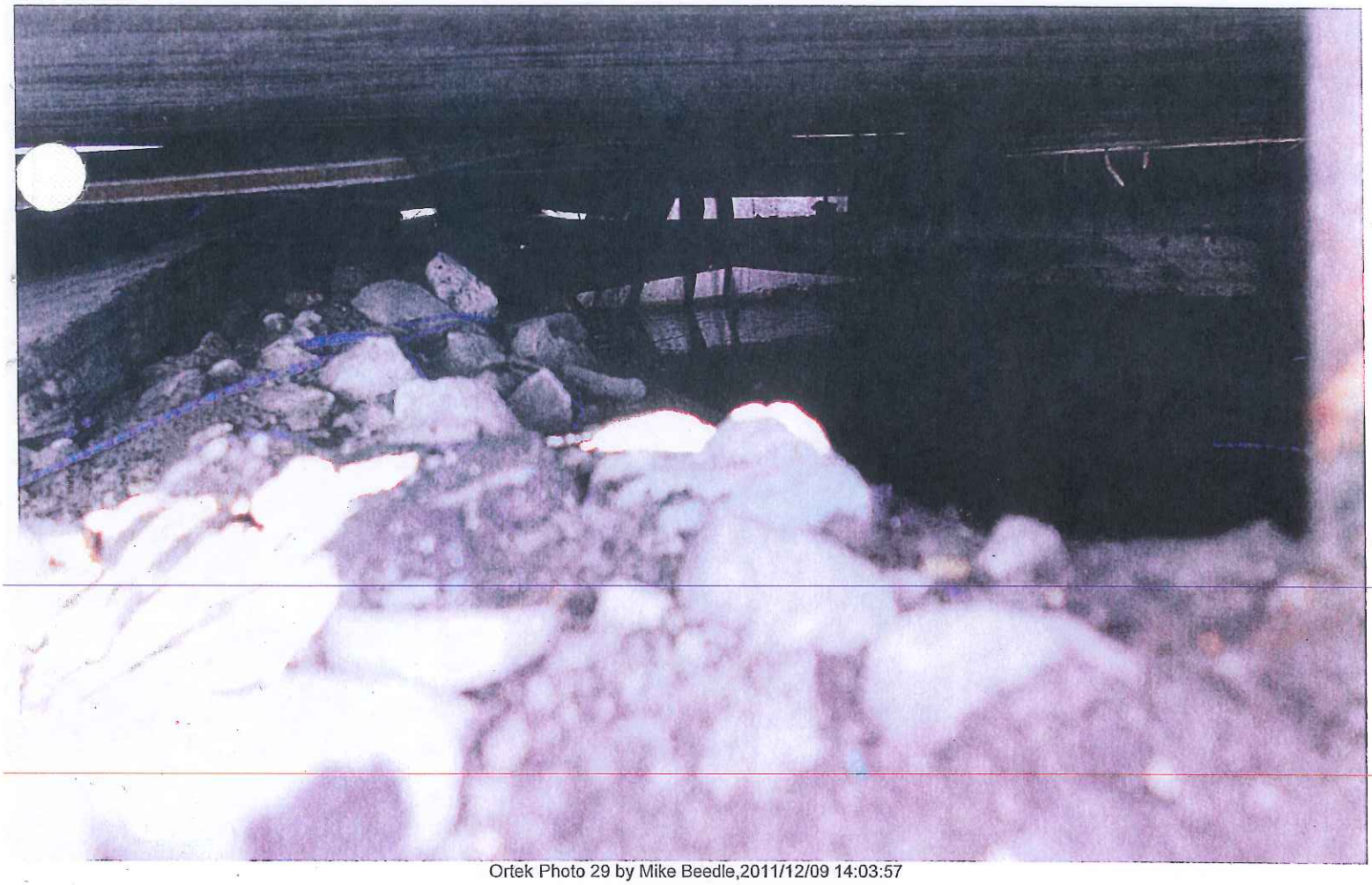

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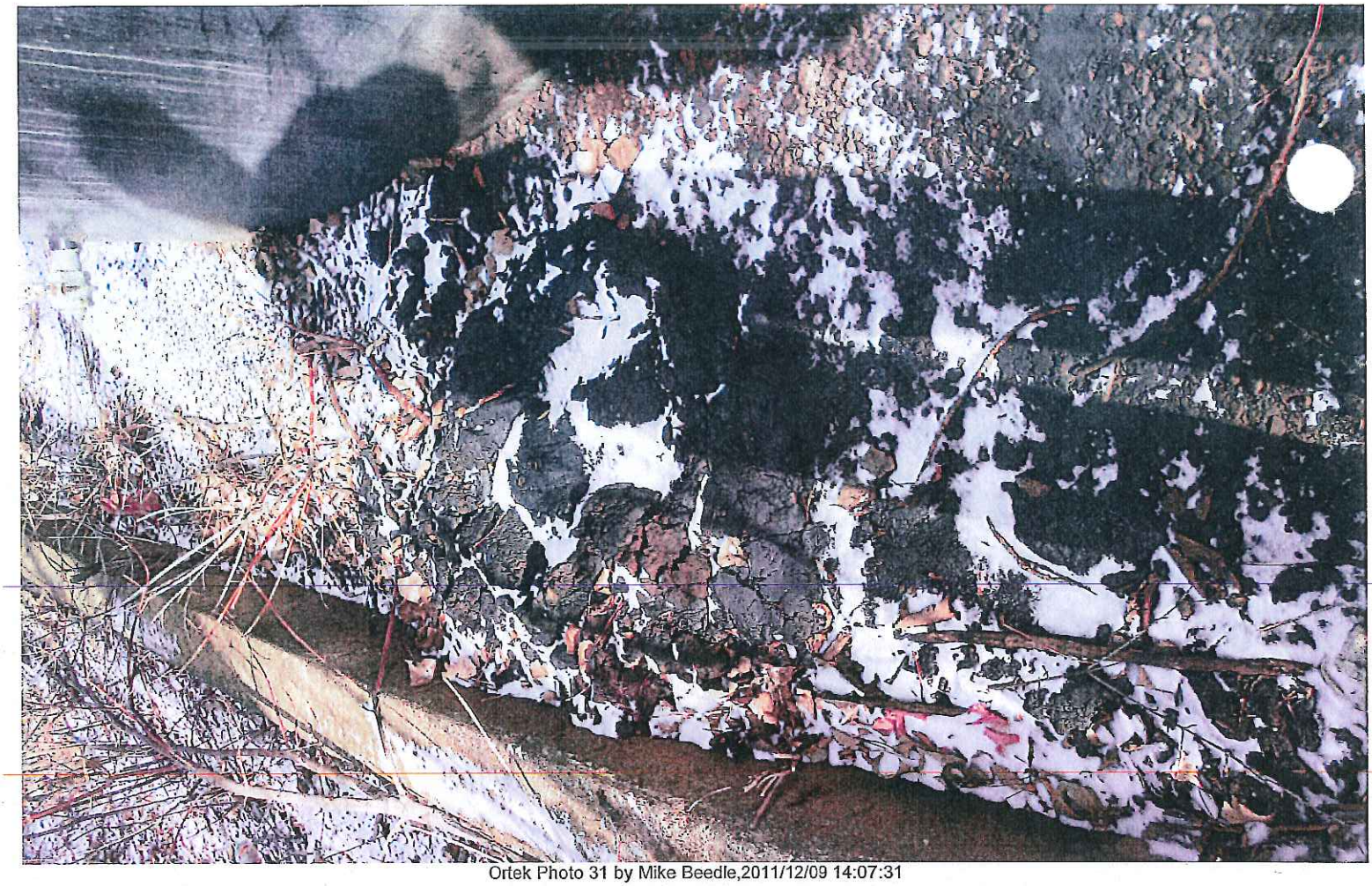
Ortek Photo 30 by Mike Beedle,2011/12/09 14:04:28



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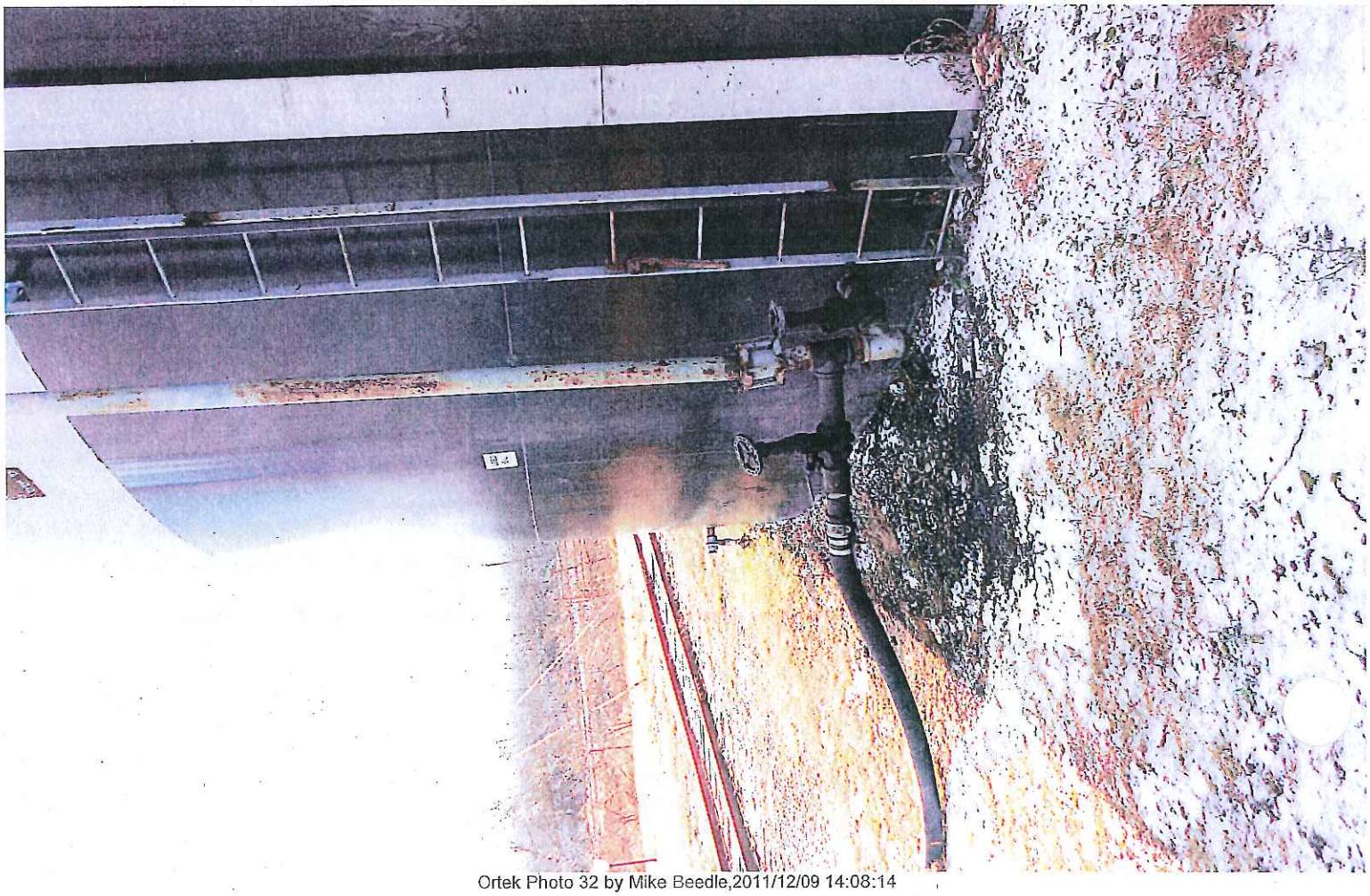

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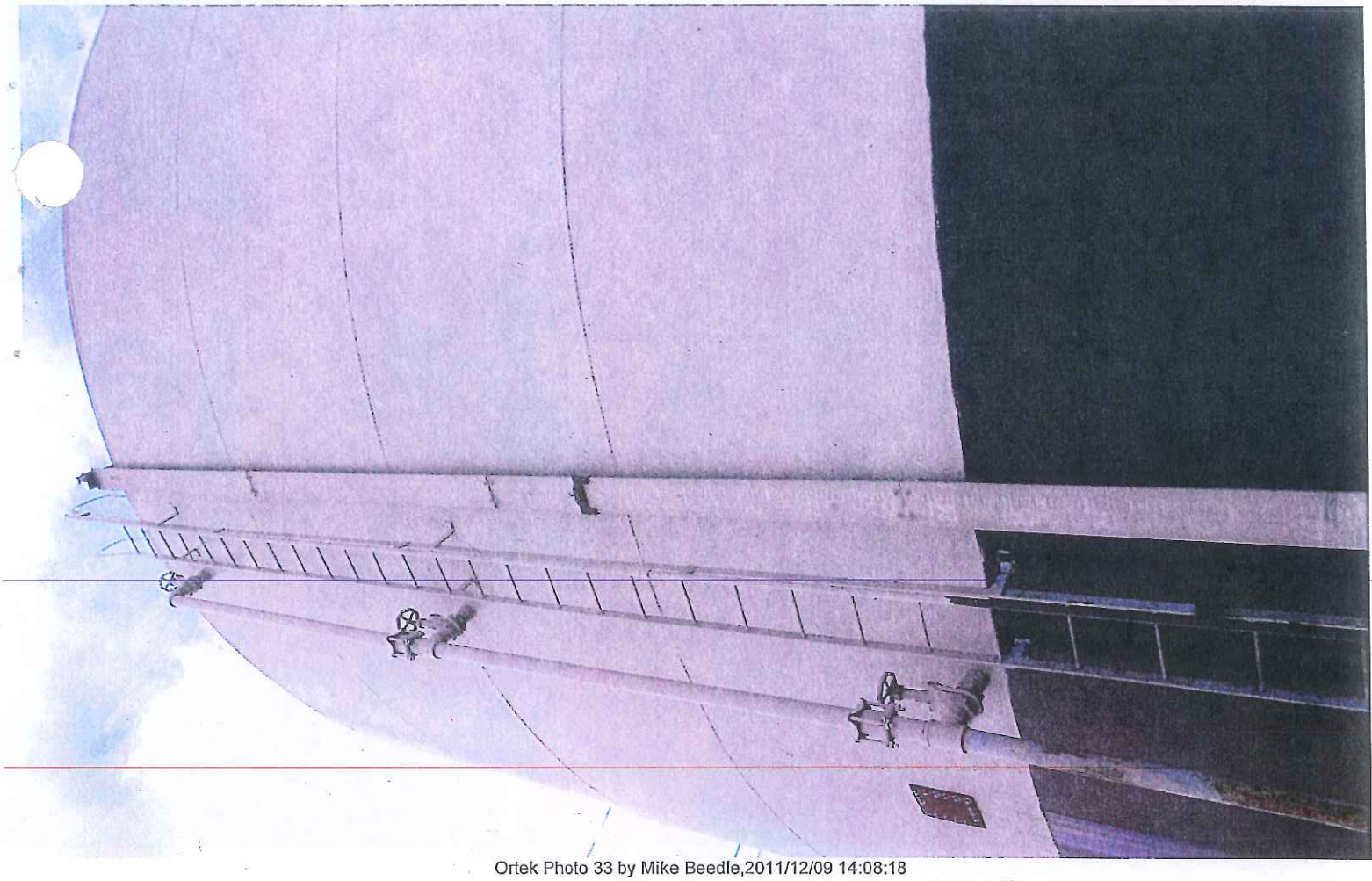
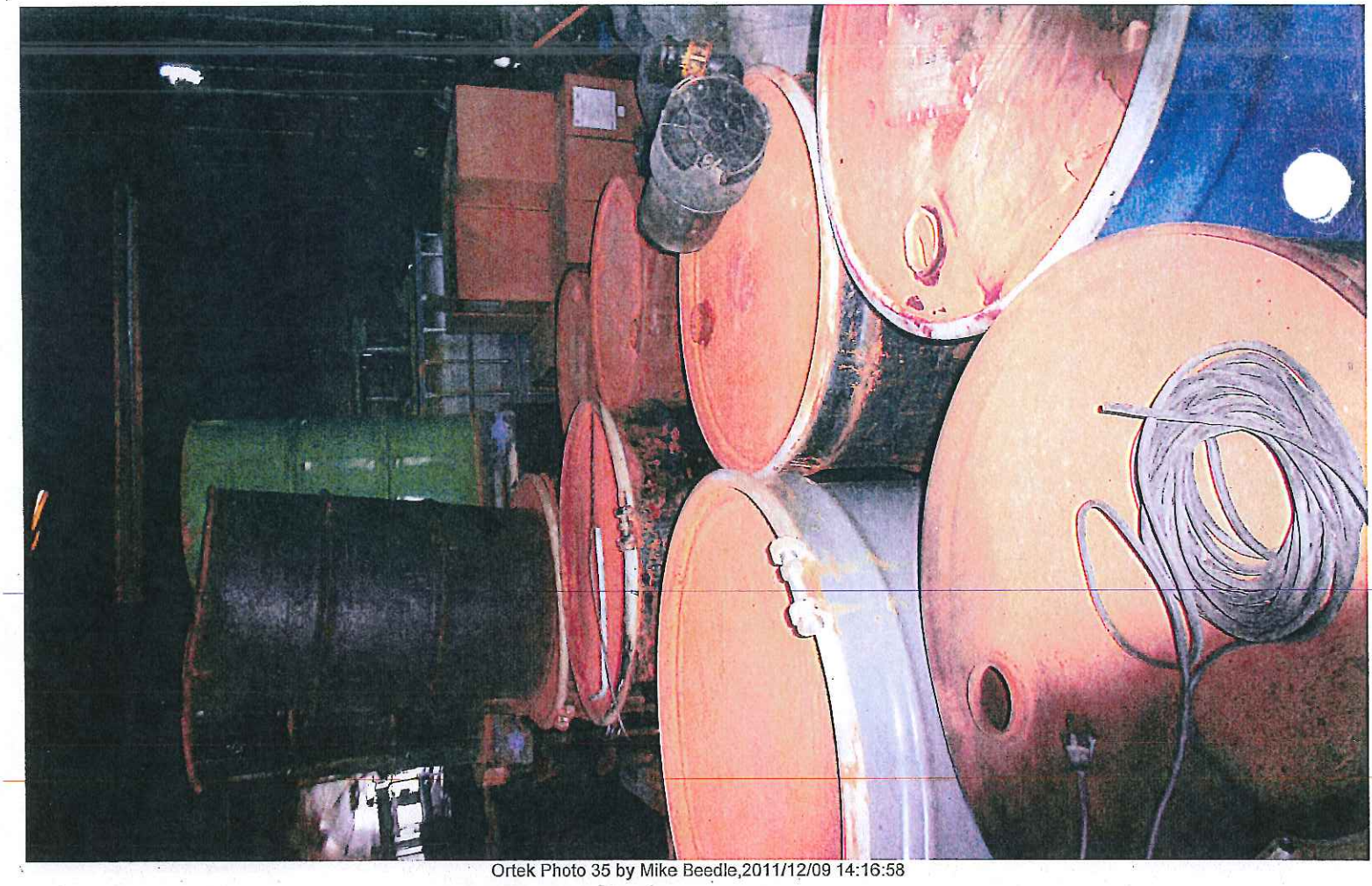


Ortek Photo 33 by Mike Beedle,2011/12/09 14:08:18

Ortek Photo 34 by Mike Beedle,2011/12/09 14:16:39



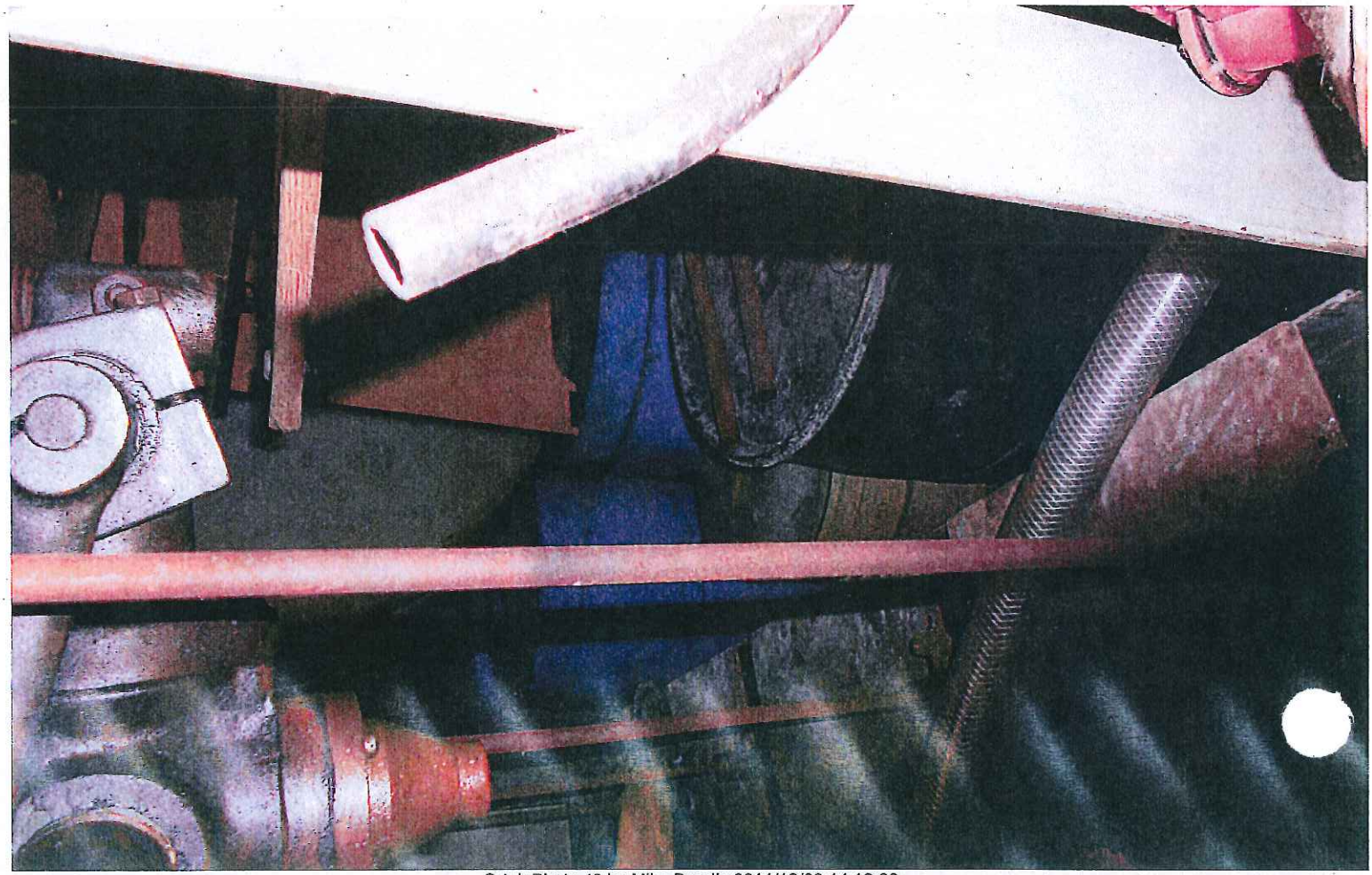
Ortek Photo 35 by Mike Beedle,2011/12/09 14:16:58

Ortek Photo 36 by Mike Beedle,2011/12/09 14:17:43

Ortek Photo 37 by Mike Beedle,2011/12/09 14:18:07

Ortek Photo 38 by Mike Beedle,2011/12/09 14:18:21

Ortek Photo 39 by Mike Beedle,2011/12/09 14:18:33

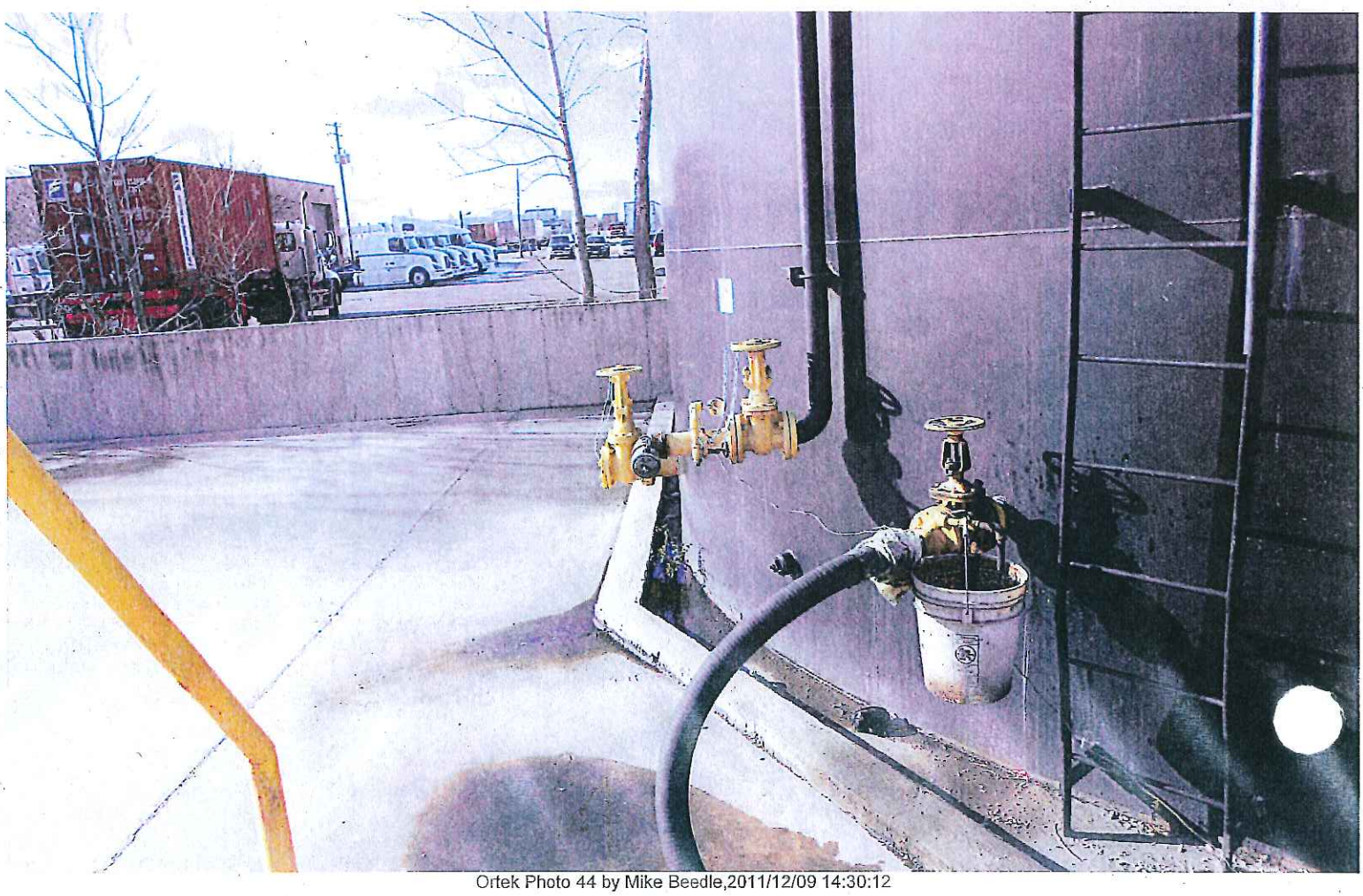


Ortek Photo 40 by Mike Beedle,2011/12/09 14:19:26

Ortek Photo 41 by Mike Beedle,2011/12/09 14:19:36

Ortek Photo 42 by Mike Beedle,2011/12/09 14:21:54

Ortek Photo 43 by Mike Beedle,2011/12/09 14:21:59

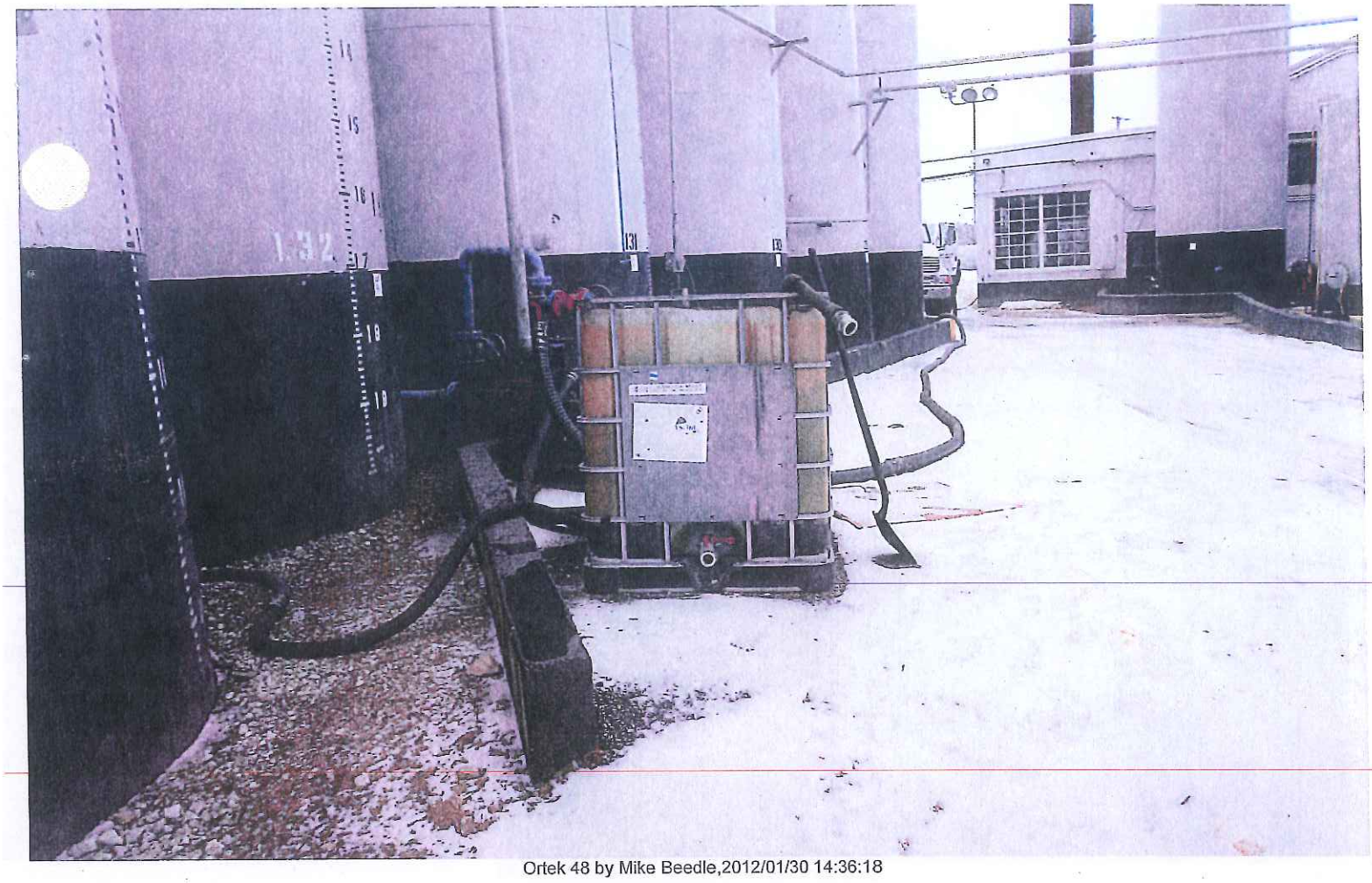


Ortek Photo 44 by Mike Beedle,2011/12/09 14:30:12

Ortek Photo 45 by Mike Beedle,2011/12/09 14:30:27

Ortek 46 by Mike Beedle,2012/01/30 14:35:49

Ortek 47 by Mike Beedle,2012/01/30 14:35:59



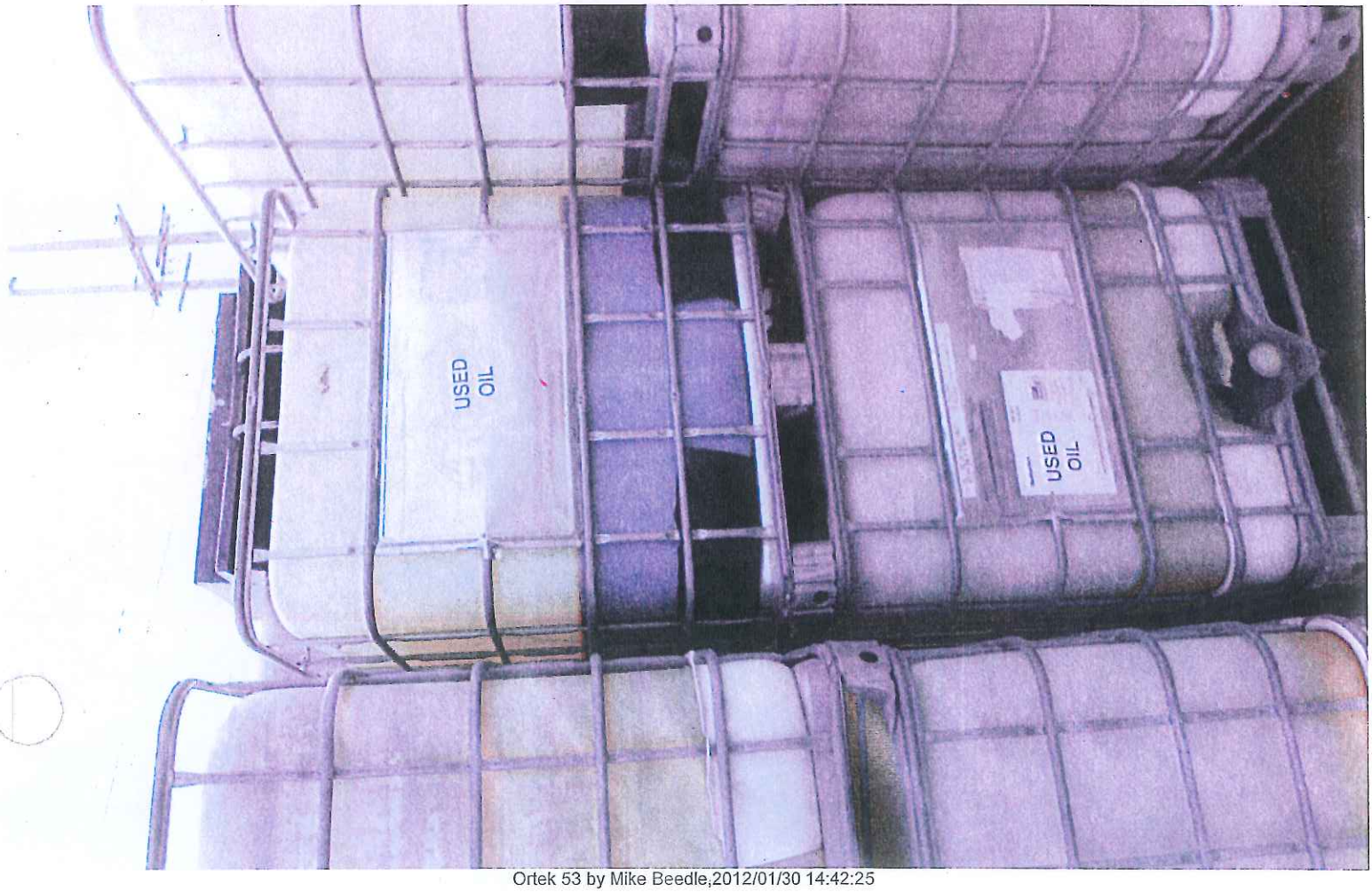
Ortek 48 by Mike Beedle,2012/01/30 14:36:18

Ortek 49 by Mike Beedle,2012/01/30 14:36:52

Ortek 50 by Mike Beedle,2012/01/30 14:38:38

Ortek 51 by Mike Beedle,2012/01/30 14:39:25

Ortek 52 by Mike Beedle,2012/01/30 14:39:37

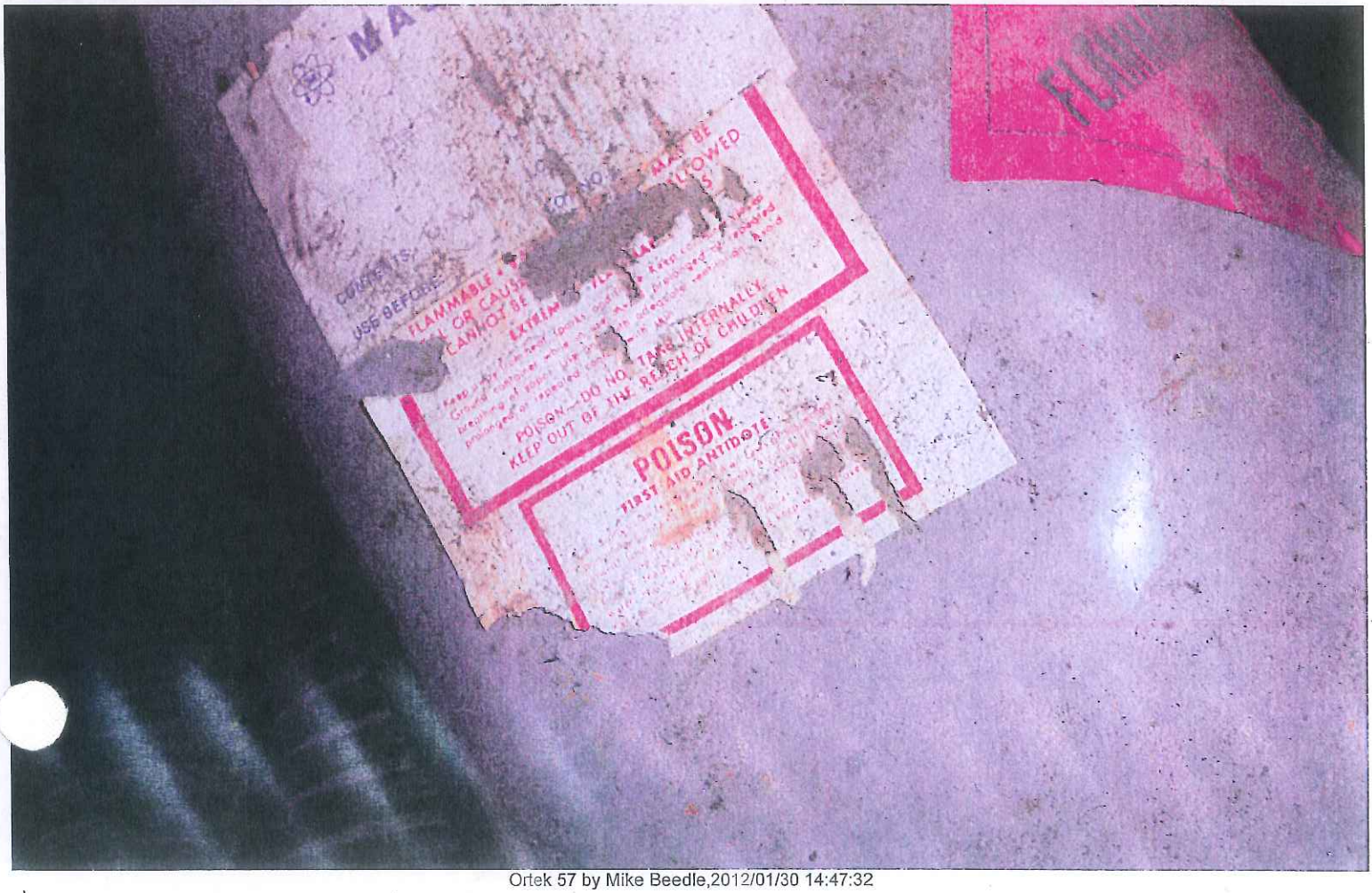


Ortek 53 by Mike Beedle,2012/01/30 14:42:25

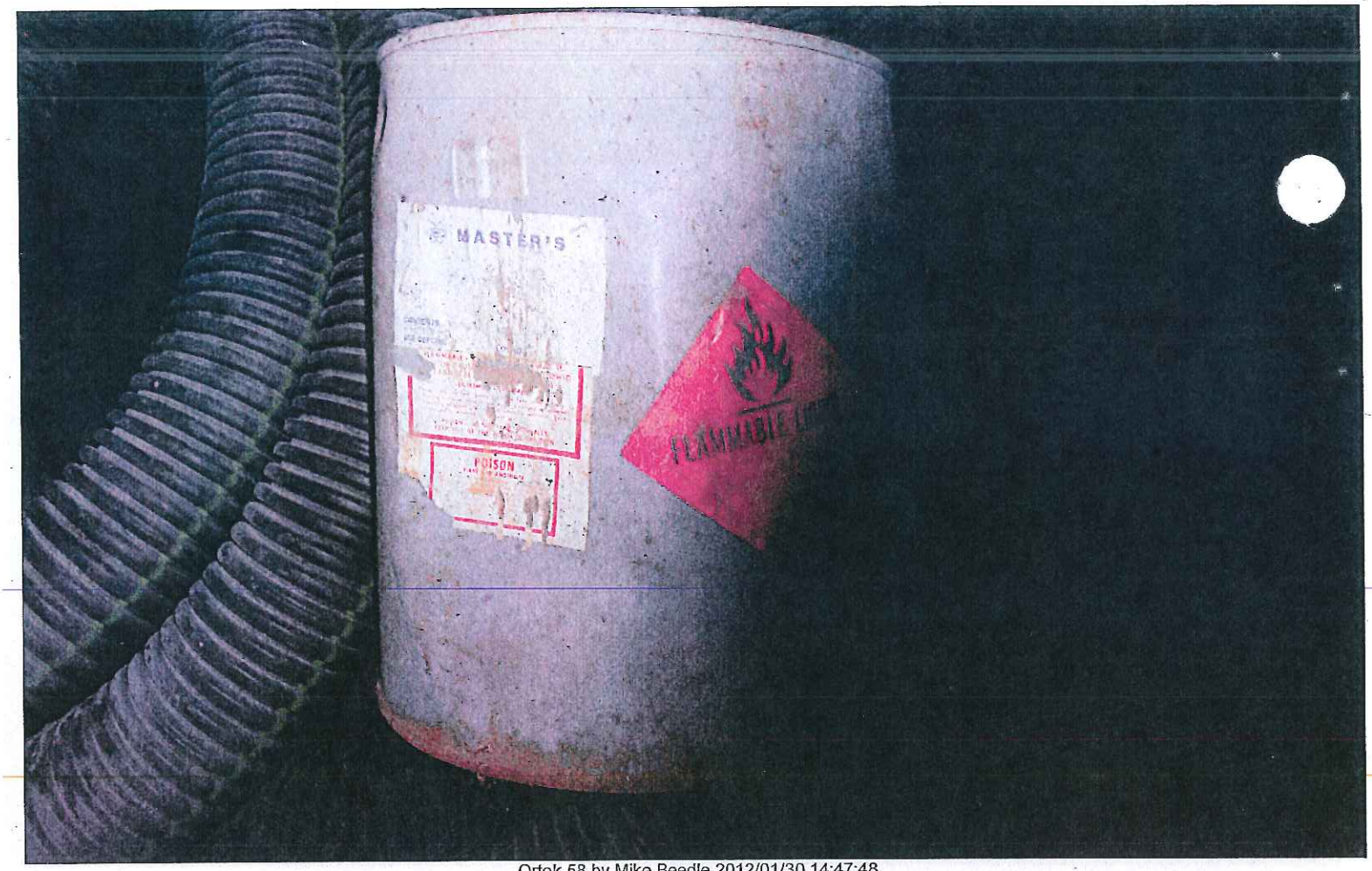
Ortek 54 by Mike Beedle,2012/01/30 14:42:30

Ortek 55 by Mike Beedle,2012/01/30 14:42:36

Ortek 56 by Mike Beedle,2012/01/30 14:45:14



Ortek 57 by Mike Beedle,2012/01/30 14:47:32

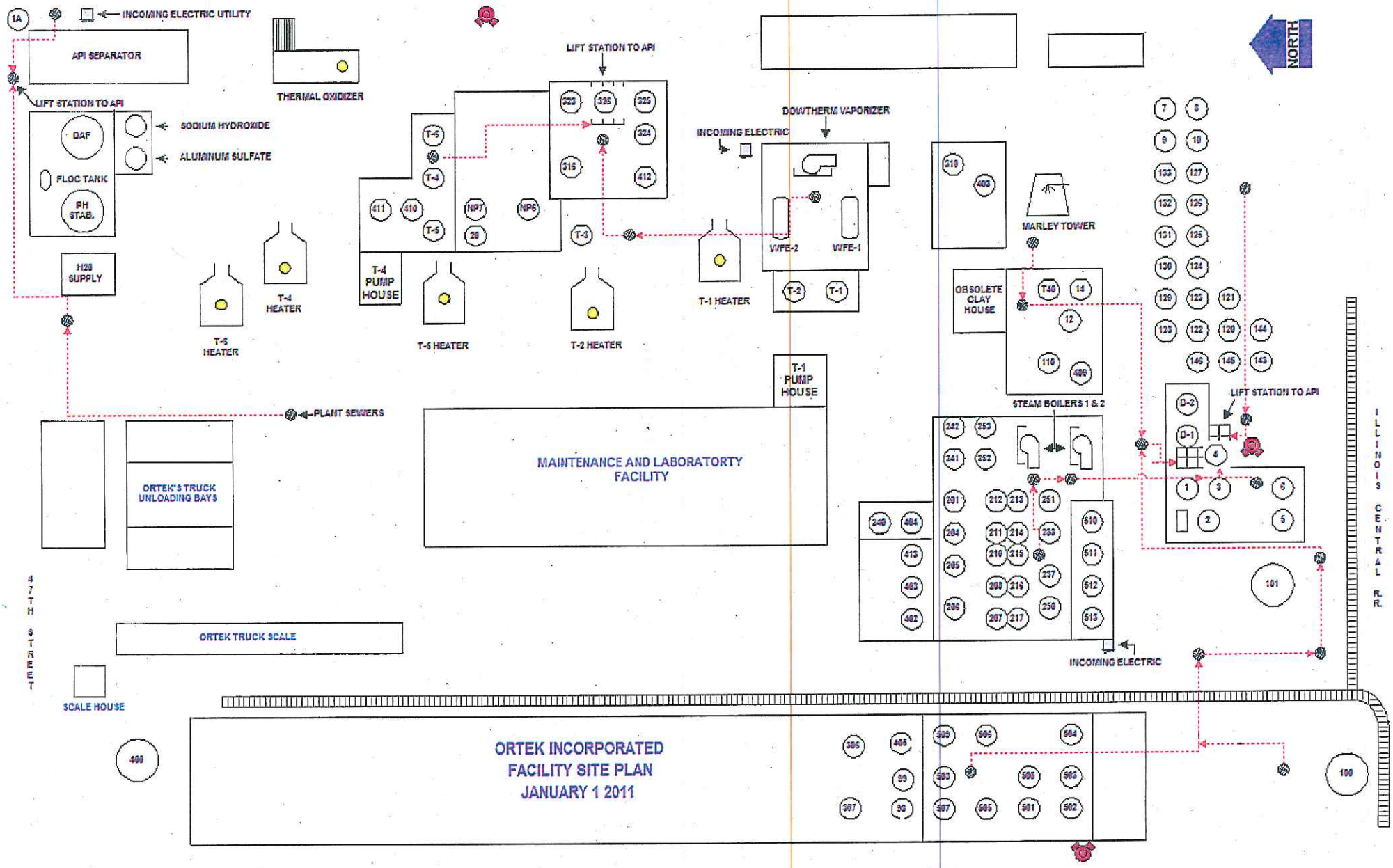


Ortek 58 by Mike Beedle,2012/01/30 14:47:48

Ortek 59 by Mike Beedle,2012/01/30 14:50:02

ATTACHMENT B

Site Diagram


INCOMING ELECTRIC UTILITY
API SEPARATOR
LIFT STATION TO API
DAF
FLOC TANK
PH STAB.
SODIUM HYDROXIDE
ALUMINUM SULFATE
H20 SUPPLY
THERMAL OXIDIZER
T-6 HEATER
T-4 HEATER
LIFT STATION TO API
T-4 PUMP HOUSE
T-6 HEATER
T-2 HEATER
DOWTHERM VAPORIZER
INCOMING ELECTRIC
T-1 HEATER
WFE-2
WFE-1
MARLEY TOWER
OBSOLETE CLAY HOUSE
STEAM BOILERS 1 & 2
LIFT STATION TO API
T-1 PUMP HOUSE
PLANT SEWERS
MAINTENANCE AND LABORATORTY FACILITY
ORTEK'S TRUCK UNLOADING BAYS
ORTEK TRUCK SCALE
SCALE HOUSE
INCOMING ELECTRIC
47TH STREET
ILLINOIS CENTRAL R.R.
NORTH
ORTEK INCORPORATED
FACILITY SITE PLAN
JANUARY 1 2011

ATTACHMENT C

RS Hazardous Waste Shipments

R S USED OIL SERVICES OUTBOUND TANK #146 - #122 - #120 **11/1/2011**

Loads Out	Date	Scale Ticket	Source	From Tank	Used Oil/ Gal	Truck No.	Manifest #	Ty
1	11/1/2011	96990	Ziron Environmental	146	5444	81-07	1528685	Wet Oil
2	11/2/2011	97000	Ziron Environmental	146	5125	81-07	1528686	Wet Oil
3	11/7/2011	97035	Ziron Environmental	146	5490	81-07	1528724	Wet Oil
4	11/8/2011	97045	Ziron Environmental	146 & 122	5229	81-07	1528725	Wet Oil
5	11/9/2011	97061	Ziron Environmental	122	5447	81-07	1528726	Wet Oil
6	11/10/2011	97076	Ziron Environmental	122	5395	81-07	1528727	Wet Oil
7	11/11/2011	97090	Ziron Environmental	122 & 120	5433	81-07	1528729	Wet Oil
8	11/14/2011	97103	Ziron Environmental	120	3749	81-07	1528730	Wet Oil
				Total	**41,312**			

x

Subject: Contact information

From: BILL KENNEDY (BILL@rsusedoil.com)

To: akalmar@r3environmental.net; taylorlw57@yahoo.com;

Date: Friday, October 28, 2011 11:40 AM

Good morning Alan/Laurie,

This e-mail is intended to provide contact information for all parties.

Alan Kalmar

R3 Environmental

630-917-4012 (Cell)

Laurie Witter

Ortek

708-762-5119 (Office)

Alan, please reach out to Laurie and discuss a time for loading product.

The tanks R3 will be taking are: T-120 with approximately 14,000 gallons

T-122 with approximately 18,000 gallons

T-146 with approximately 19,000 gallons

Laurie, I am working with operations in Monee and should be able to move tanks 132

and 500 within a few weeks.

Please do not hesitate to call me if there are any questions or concerns.

Have a good weekend, Bill

William J Kennedy | Director, Safety & Compliance
Universal Lubricants, LLC
708.534.9300 Phone ▪ 708.935.6111 Mobile
708.534.9400 Fax▪ ▪ ▪

Universallubes.com | EcoUltraOil.com

601 WEST 47TH STREET
MCCOOK, ILLINOIS 60525
PHONE: (708) 762-5117
FAX: (708) 762-5118

ORTEK, INC.

Fax

To:	Latishia	**From:**	Laurie Witter
Co:	Universal Scientific	**Pages:**	(6) including cover page
Fax:	316-832-3777		
Phone:		**Date:**	Nov. 3, 2011
Re:		**cc:**	

X **Urgent** ☐ **For Review** ☐ **Please Comment** ☐ **Please Reply** ☐ **Please Recycle**

Per our conversation 11/3/11.

This product is scheduled to be picked-up by R.S. Used Oil. Product did not meet specs.

Thank you, Laurie

confidential

ORTEK INC.

7601 West 47th Street, McCook, Illinois 60525

97035

DRIVER'S COPY

Customer Russell Oil

Truck No. 81-07

Address

Rail Car No.

Carrier Winds-End

Unloaded By

GROSS	Gross Weight:	76320 lb
TARE	Tare Weight:	00 lb
NET	Net Weight:	76320 lb

07 Nov 2011 07:28:48

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

Type Oil _____ From Tank 146

Gross Gals. _____ Ded. _____ Net Gals. 5,490

WEIGHER _____

SHIPPER _____

Driver's Signature _____

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) IRTS Contract #: 4727 Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: IL R000167478
2. Page 1 of: 1
3. Emergency Response Phone: (800) 451-9136
4. Manifest Tracking Number: 001528724 GBF

GENERATOR

5. Generator's Name and Mailing Address
RS Used Oil Services Inc
25903 S. Ridgeland Avenue
Monee, IL 60449
Generator's Phone: (708) 534-9200 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name: Zuron Environmental Services, Inc.
U.S. EPA ID Number: IL R000102681

7. Transporter 2 Company Name:
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Greencastle WDF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (800) 355-2485
U.S. EPA ID Number: IND006419212

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TT	5600	G	D001	D008	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
961120# 121, Profile# LB 03385
WO# 7726212
Job no. 110779

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature: on behalf of RS Used Oil Services | Month | Day | Year

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Patrick McKee | Signature | Month: 7 | Day | Year

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) | U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) | Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Ziron Environmental Services

Ziron Environmental Services, Inc.
302 E 25th St.
Chicago Heights, IL 60411
708-757-9601

SERVICE CALL SHEET - MAINTENANCE

Date: 11/7/11
Ziron Job # 7-7186-213
Customer PO # Alan R-3

Customer Information

Name: Ortek
Street: 7601 W. 47th St.
City/State: McCook, IL
Job Description: Pull load of O.I. Transport to Greencastle IN.

Station #
Generator #
Notify # Alan R-3
Shutdown - Yes / No
Reg / OT / Hol
Mileage Upon Arrival 478434

Employee Name(s)	Role
Art McKay	Driver / Laborer
	Driver / Laborer
	Driver / Laborer

Truck # 8127 Trailer # 8-01

Fills	Pumped	STPs	Pumped
Regular Fill		Regular STP	
Midgrade Fill		Midgrade STP	
Premium Fill		Premium STP	
Diesel Fill		Diesel STP	
Kerosene Fill		Kerosene STP	

Destination	Site	Dump	Shop	Other

Vapor Recoveries	Pumped	Dispenser Pans	Pumped
Regular Vapor Recovery		Disp. 1/2	
Midgrade Vapor Recovery		Disp. 3/4	
Premium Vapor Recovery		Disp. 5/6	
Diesel Vapor Recovery		Disp. 7/8	
Kerosene Vapor Recovery		Disp. 9/10	
	From HV	Disp. 11/12	
		Disp. 13/14	

Tank	Water Height	Gallons Pumped
Regular		
Midgrade		
Premium		
Diesel		
Kerosene		

Notes:

Dewatered location	Yes / No
All Functions Normal	Yes / No
Veeder Root Print Out Attached	Yes / No
Veeder Root Q#	

JOB CLEARANCE FORM

Gloves:_____
Safety Vest:_____
Safety Glasses:_____
Hearing Protection:_____
Hard Hat:_____
Steel Toe Boots:_____

Sign In:_____ Sign Out:_____

Contractor: A. McKay JSA # 3

Type of Material: Flammable Liquids
Total Gallons: 5600
Disposal Facility & Location: WDF Greencastle, IN.
Manifest / Bill of Lading Document # 152824GBF

Dumped and turned in:	Yes / No
Left in unit for later disposal:	Yes / No
Transferred to:	

X Leobardo Ortega 11/7/11
Customer Signature: Date:

LAND DISPOSAL RESTRICTION (LDR) AND NOTIFICATION FORM

A. Generator Name: RS Used Oil Services, Inc. US EPA ID#: ILR000167478

Address: 6001 W. 47th St. Manifest #: 015287246 BF

McCook, IL 60525 Profile# (s): LS_03385

B. [ ] (Check if applicable)

Restricted Waste contained in the shipment and referenced by the above Manifest number that are listed below are subject to the treatment standards set forth in 40 CFR 268.40. For each waste code, list the corresponding Subcategory, if applicable. Record an "X" in the appropriate column below for Treatability Group and each disclosure form attached.

(1) Profile Number	(2) USEPA Hazardous Waste Codes	(3) Subcategory (if applicable)	(4) Treatability Group		(5)F001-F005 Disclosure Form Attached	(6) UTS Disclosure Form Attached	(7) Lab Pack 40 CFR 268 App.IV
			NWW	WW			
LS_03385	D001		X		NA		NA
	D008		X		NA		NA
	D039		X		NA		NA

(*) Indicate drum number if this waste pertains to a lab pack.

C.

Profile Number	USEPA Hazardous Waste Code	Constituent	Concentration
		☐ Liquid wastes containing Nickel	134 mg/L
		☐ Liquid wastes containing Thallium	130 mg/L
		☐ Wastes containing HOC's*	1000 mg/kg

(*) HOC's as defined in 40 CFR 268 Appendix III

D. **LAB PACK CERTIFICATION:** If your waste is packaged in lab packs and does not contain any waste codes in Appendix IV (see list below), the following certification must be completed and the corresponding container numbers must be listed also. If the waste is packaged in lab packs and they include waste codes in Appendix (IV), then table B (page2) must be completed for those containers and the respective waste codes.

APPENDIX IV codes: D008, F019, K003, K004, K005, K006, K062, K071, K100, K106, P010, P011, P012, P076, P078, U134, and U151

I certify under penalty of law that I personally have examined and am familiar with the waste and that the lab pack does not contain any wastes identified at 40 CFR 268.42 (c) (2). I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Leobardo Ortega 11-7-11

Generator Signature Date

Container Numbers: E-01

TK-146

E. Notification Statement: This waste must be treated to the applicable treatment standards set forth in 40 CFR 268 Subpart D, Section 268.32, or RCRA Section 3004 (d). Waste analysis is attached where available, otherwise the information herein is based upon my through knowledge of the waste(s). I hereby certify that the information provided is complete and accurate based on my knowledge of the material.

Leobardo Ortega 11-7-11

Generator Signature Date

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

ERTS Contract #: 4727

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
IL0000627478	1	(800) 451-8346	001528685 GBF

GENERATOR

5. Generator's Name and Mailing Address
RS Used Oil Services, Inc.
2503 S. Ridgeland Avenue
Berwyn, IL 60402
Generator's Phone: (708) 222-0300 ATTN: William Kennedy

Generator's Site Address (if different than mailing address)
7601 W. 47th Street
McCook, IL 60525

6. Transporter 1 Company Name
Zion Environmental Services, Inc.

U.S. EPA ID Number
IL2000010758

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Greencastle WTF Facility
3301 South County Road 150 W
Greencastle, IN 46135
Facility's Phone: (765) 653-4015

U.S. EPA ID Number
IND006419242

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, UN1992, Waste Flammable Liquids, Toxic, n.o.s., 3(6.1), PG II (RQ-D001)(Petroleum Distillates, Tetrachloroethylene)	001	TP	5500	G	D001	D008	D039
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
001 ERG# 131, Profile# ES 03385
WO# 77786765
Job no. 110766

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name | Signature | Month | Day | Year
on behalf of RS Used Oil Services

INT'L

16. International Shipments ☐ Import to U.S. ☒ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Patrick McKay | Signature | Month: 11 | Day: 1 | Year: 11

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☒ Type ☐ Residue ☒ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month | Day | Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name | Signature | Month | Day | Year

EPA Form 8700-22 (Rev. 3-05). Previous editions are obsolete.

GENERATOR'S INITIAL COPY

Account Statement

RS Used Oil Services, Inc
25903 S. Ridgeland Avenue
Monee IL 60449

708 534 9300

Billing Address: 28036-000

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525
US

Document Information

Statement Date:	07/07/2011
Acct Statement Period:	06/01/2011 - 06/30/2011

Invoice Number Text/Reference	Doc Type	Document Date	Arrears On 06/30/2011	Amount
Open items on 06/30/2011:				
0010330093	01	02/14/2011	126	11,179.35
0010336581	01	03/07/2011	105	802.90
0010342589	01	03/25/2011	87	1,239.00
0010345386	01	04/05/2011	86	1,650.00
0010350633	01	04/14/2011	77	6,546.90 ✓
0010353792	01	05/02/2011	59	4,154.27 ✓
0010356082	01	05/06/2011	55	514.03 ✓
0010360122	01	05/09/2011	42	4,001.40 ✓
0010360123	01	05/17/2011	34	3,180.60 ✓
0010362300	01	05/27/2011	24	1,245.60
Balance on 06/30/2011.....				34,514.05

Sent back or offsite on manifests per Laurie Witter MB 12/14/11

Taken off $ 15,397.20

$ 16,117.45 Due

Document Type: 01 = Invoice; 03 = Finance Charge; 06 = Partial Payment; 11 = Credit Memo; 15 = Payment

CURRENT	OVERDUE 1 - 30	OVERDUE 31 - 60	OVERDUE 61 - 90	OVERDUE 91+	ACCT BALANCE
0.00	1,245.60	11,850.30	9,435.90	11,982.25	$ 34,514.05

ATTACHMENT D

RS Used Oil
4/14/11 Shipment Information

ORTEK INC.

95306

7601 West 47th Street, McCook, Illinois 60525

ACCOUNTING COPY

Customer RS USED OIL

Truck No. 969/T590

Address MONEE, IL

Rail Car No.

Carrier RS

Unloaded By

1st load

77500 GROSS
29640 TARE
47860 NET

Gross Weight: 29640 lb
Tare Weight: 00 lb
Net Weight: 29640 lb
14 Apr 2011 16:31:2

Gross Weight: 77500 lb
Tare Weight: 00 lb
Net Weight: 77500 lb
14 Apr 2011 14:19:19

ANALYSIS	
B.S. & W.	
VIS @ 100	
FUEL DEL.	
CHLORINE	

73

Type Oil

To Tank 500

Gross Gals. 6056 6581

Ded.

Net Gals.

WEIGHER

SHIPPER

Driver's Signature

Invoice

INTERNAL USE ONLY: 633-546-1-1

RS Used Oil Services, Inc
25903 S. Ridgeland Avenue
Monee IL 60449
708 534 9300

Information

Invoice Number:	10350633
Document Date:	04/14/201
Delivery Note:	500360926
Order number:	100369199
Purchase Order No:	55112
Purchase Order Date:	04/14/2011
Payment Terms:	CASH UPON DELIVERY
Billing Date:	04/14/2011
Invoice Amount:	6,546.90 USD

* * * PLEASE RETURN ONE COPY OF INVOICE WITH PAYMENT * * *

Billing Address: 28036-000 (Acct No)

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525

Ship-to: 28036-000

ORTEK OIL CO
7604 W 47TH ST
MCCOOK IL 60525
7087625117

Remit Payment To

RS Used Oil Services, Inc
PO Box 2920
Wichita, KS 67201-2920

Shipping Instructions:

Material Description	Order Qty	Invoice Qty	Unit Price	Amount
10000005748 RS USED OIL Cust. Material No.: WO# 55112	6,381 GAL	6,381 GAL	0.95	6,061.95
			Tax	484.95
			Total	$ 6,546.90

4/14/11

A FINANCE CHARGE of 1 1/2% per month which is an ANNUAL PERCENTAGE RATE of 18% will be added to all accounts past due.

RS Used Oil Services, Inc. SERVICE ORDER No. 55112

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
IDOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 04/14/2011

Manifest #

Route #

Generator/Customer/Job Site:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Contractor:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-762-5117

Purchase Order Number:	Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters				/	
	Drum(s): Non-Hazardous Solids/Liquids					
6501	6506 GAL On-Spec Used Oil Delivered	.95	$6,061.95	37500	2940	47860

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name L. Dittler Customer Signature [signature] Date 4/14/11

Arrival Time: _____ Begin Loading: _____ End Loading: _____ Depart Time: _____

Remarks:
TANKER

Next Service Date: Oil _____ Filter _____

Driver Name D Glauber Driver Signature [signature]

Office Use Only	Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)	
Amount $6,061.95 Check Cash	Amount _____ Check Cash Credit Card

DRIVER

10086917
5008002

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 2010300021
2. Page 1 of: 1
3. Emergency Response Phone: 708 534 9300
4. Manifest Tracking Number: 008131901 JJK

GENERATOR

5. Generator's Name and Mailing Address
ROCKFORD PRODUCTS
707 HARRISON AVE
ROCKFORD IL 61104
Generator's Phone: 815-229-4375
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: RS Used Oil Services Inc
U.S. EPA ID Number: ILR000165184

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
Clark Oil
7000 W 47th St
McCook, IL 60525
Facility's Phone: 708 702-5117
U.S. EPA ID Number: ILD 017 40002

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non Hazardous Contaminated Liquids	001	TT	6523	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
TICKET WO# 56111
TRANSPORTER# UPW0755189-IL
IL ID# 1970655023

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dan Burke jm
Signature: Dan Burke jm
Month: 4 Day: 14 Year: 2011

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: DAVE GLAESER
Signature:
Month: 04 Day: 14 Year: 11
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Robert Kolar
Signature: Robert Kolar
Month: 4 Day: 14 Year: 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete. TRANSPORTER'S COPY

RS Used Oil Services, Inc. SERVICE ORDER No. 55112

25903 South Ridgeland Ave.
Monee, Illinois 60449
(708) 534-9300 Fax: (708) 534-9400
EPA ID # ILR000103184
DOT # 758189

Location Performing Service
25903 S. Ridgeland Ave.
Monee, IL 60449
(708) 534-9300
EPA ID # ILR000103184

Date: 04/14/2011
Manifest #
Route #

Generator/Customer/Job Site:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Contractor:
Name: ORTEK OIL CO.
Address: 7801 W 47TH STREET
City, State, Zip: MC COOK IL 60525
Phone Number: 708-782-5117

Purchase Order Number:

Burner's USEPA ID #:

Quantity	Description	Unit Price	Total	Gross	Tare	Net
	Non-Hazardous Used Oil Collected					
	Non-Hazardous Oily Water					
	Non-Hazardous Contaminated Oil Collected					
	Service Charge					
	Hourly Charge					
	Drum(s): Used Oil Filters				/	
	Drum(s): Non-Hazardous Solids/Liquids					
6381 ~~6596~~ GAL	On-Spec Used Oil Delivered			77500	29640	47860

Generator Certification: I, the generator (or agent for) of this product, hereby certify that the waste identified on this document does not contain or has not come in contact with a hazardous waste listed under 40 CFR 261.30 - 261.33 and is non-hazardous according to 40 CFR 261.1- 261.20. I hereby declare that the contents of this consignment are fully and accurately described by the proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, including applicable state regulations. I hereby certify that to the best of our knowledge, this company and facility does not generate waste that would require submittals of a Special Waste Disposal Request Form. Additionally, upon generating such wastes, we will notify in writing RS Used Oil Services, Inc. and submit all request forms. Disposal of such materials will be performed upon approval of RS Used Oil Services, Inc. Used oil contained within non-hazardous special waste collected in LA is subject to regulation by the LA DEQ under LAC Gov. Chapter 41, Subpart C.
Emergency Response Number: National 1-800-424-8802 T.N.R.C.C. 1-512-239-1000

I hereby certify that the above description is complete and accurate to the best of my knowledge and ability to determine that no deliberate or willful omissions of compositions or properties exists and that the waste is not designated a hazardous waste by the USEPA or any state agency pursuant to the RCRA of 1976 or contains PCB's regulated by TSCA, 40 CFR 761.

Customer agrees to pay a late charge of 1% per month on any invoice, which is not paid within 30 days of invoice date. Customer also agrees to pay any attorney's fees and court costs in the event it becomes necessary to initiate legal proceedings to collect the invoice.

Printed Customer Name L Dirker Customer Signature [signature] Date 4/14/11

Arrival Time: Begin Loading: End Loading: Depart Time:

Remarks:
TANKER

Next Service Date: Oil Filter

Driver Name D Glaeser Driver Signature [signature]

Office Use Only
Payment Received From Customer Yes No (To Be Invoiced)
Amount Check Cash

Office Use Only
Amount Check Cash Credit Card

CUSTOMER

Faxed 4/14/11

RS

USED OIL SERVICES, INC.

FACSIMILE TRANSMITTAL SHEET

TO: LAURIE	FROM: DAN
FAX NUMBER: 762-5118	DATE: 4/14/11
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER: 4
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
RE:	YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

REBUTTAL FOR MATERIAL COMING IN THIS AFTERNOON.

25903 S. RIDGELAND AVE. • MONEE, IL. 60449
PHONE: 708-534-9300 • FAX: 708-534-9400

HP LaserJet *M2727nf MFP*

Fax Confirmation Report

HP LASERJET FAX
17087625118
Apr-13-2011 1:45PM

Job	Date	Time	Type	Identification	Duration	Pages	Result
195	4/13/2011	1:44:56PM	Receive	17085349400	0:55	4	OK

04/14/2011 THU 14:50 FAX 17085349400 RS Used Oil ☑001/004

RS
USED OIL SERVICES, INC.

FACSIMILE TRANSMITTAL SHEET

TO: LAURIE
FROM: DAN
FAX NUMBER: 782-5118
DATE: 4/14/11
COMPANY:
TOTAL NO. OF PAGES INCLUDING COVER: 4
PHONE NUMBER:
SENDER'S REFERENCE NUMBER:
RE:
YOUR REFERENCE NUMBER:

☐ URGENT ☐ FOR REVIEW ☐ PLEASE COMMENT ☐ PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS

REBUTTAL FOR MATERIAL COMING IN THIS AFTERNOON.

25903 S. RIDGELAND AVE. • MONEE, IL. 60449
PHONE: 708-534-9300 • FAX: 708-534-9400

From: Ford 4/14/11

03/31/2011 17:20 #254 P.006/008

For tank 500 material

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Matrix: Liquid

Parameter	Method	Results	Date of Analysis
% Water	D6304	2.41%	03/31/2011
API	D4052	24.0	03/31/2011
Arsenic	6010	<1.0ppm	03/30/2011
Ash	D482-02	0.55%	03/31/2011
BTU/gal	D-240-09	136381/gal	03/31/2011
BTU/lb	D-240-09	17997/lb	03/31/2011
Cadmium	6010	0.29ppm	03/30/2011
Chromium	6010	<4.0ppm	03/30/2011
Flash Point	1010	>200°F	03/30/2011
Lead	6010	4.6ppm	03/30/2011
PCB	8082	<1.0ppm	03/30/2011
Sulfur, Wt%	D-4294	0.8847%	03/31/2011
Total Halogen, PPM	9075	6824ppm	03/31/2011
Viscosity SUS@100F	D-445	369	03/31/2011

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

Parameter	Reporting Limit (ppm)	Results (ppm)
1,1,1,2-Tetrachloroethane	5.0	BRL
1,1,1-Trichloroethane	5.0	BRL
1,1,2,2-Tetrachloroethane	5.0	BRL
1,1,2-Trichloroethane	5.0	BRL
1,1-Dichloroethane	5.0	BRL
1,1-Dichloroethene	5.0	BRL
1,1-Dichloropropene	5.0	BRL
1,2,3-Trichlorobenzene	5.0	BRL
1,2,3-Trichloropropane	5.0	BRL
1,2,4-Trichlorobenzene	5.0	BRL
1,2-Dibromo-3-chloropropane	5.0	BRL
1,2-Dichlorobenzene	5.0	BRL
1,2-Dichloroethane	5.0	BRL
1,2-Dichloropropane	5.0	BRL
1,3-Dichlorobenzene	5.0	BRL
1,3-Dichloropropane	5.0	BRL
1,4-Dichlorobenzene	5.0	BRL
2,2-Dichloropropane	5.0	BRL
2-Chlorotoluene	5.0	BRL
4-Chlorotoluene	5.0	BRL
Bromochloromethane	5.0	BRL
Bromodichloromethane	5.0	BRL

SUMMIT
ENVIRONMENTAL TECHNOLOGIES, INC.
Analytical Laboratories

March 31, 2011

Client: RS Used Oil Service, Inc.
Address: 25903 S.Ridgeland
Monee, IL 60449

Date Collected: 03/29/2011
Date Received: 03/30/2011
Project #: Rock Ford Products
Client ID #: RP32911
Laboratory ID #: 1105928-01
Analysis: Chlorinated VOC
Method: 8260
Matrix: Liquid
Date of Analysis: 03/30/2011
Analyst: MS

Chlorinated VOC

Parameter	Reporting Limit (ppm)	Results (ppm)
Carbon Tetrachloride	5.0	BRL
Chlorobenzene	5.0	BRL
Chloroethane	5.0	BRL
Chloroform	5.0	BRL
Chloromethane	5.0	BRL
cis-1,2-Dichloroethene	5.0	BRL
Dibromochloromethane	5.0	BRL
Dichlorodifluoromethane	5.0	BRL
Hexachlorobutadiene	5.0	BRL
Methylene Chloride	5.0	BRL
Tetrachloroethene	5.0	BRL
trans-1,2-Dichloroethene	5.0	BRL
Trichloroethene	5.0	BRL
Trichlorofluoromethane	5.0	BRL
Vinyl Chloride	5.0	BRL
Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	5.0	BRL

ATTACHMENT E

Orteck's Notification

RCRA Site Detail

Report run on: December 16, 2011 - 5:51 PM

ORTEK INC ILD000646

EPA Region: 05 **Extract:** Y **County:** COOK **State District:**

Universes								
Federal Generator:	N	Transporter:	N	Operating TSDF:	----	Active:	Y	
State Generator:		Importer:	N	Commercial:	N	EI Indicator (HE / GW):	N / N	
Short Term Generator:	N	Mixed Waste Generator:	N	HSM:	N	IC In Place:	N	
Subpart K/College:	N	Subpart K/Hospital:	N	Subpart K/Non-profit:	N	Subpart K/Withdrawal:	N	

Latitude/Longitude Measure - Owner: Seq #:

Coordinates:

Receive Date: 06/06/2007 **Source Type:** Implementer **Seq. Number:** 1

Location Address: 7601 W 47TH ST
MC COOK, IL 60525

Mailing Address: 7601 W 47TH ST
MCCOOK, IL 60525
UNITED STATES

Contact Person For Source Information: LOWELL D. AUGHENBAUGH
(708) 762-5117
7601 W 47TH ST
MCCOOK, IL 60525
UNITED STATES

Owner (current)
NAWRC
From: 10/01/2003 To:
7601 W 47TH ST
MCCOOK, IL 60525
MCCOOK
Type: Private
Phone: (412) 856-6100

Operator (current)
ORTEK INC
From: 12/15/1996 To:
7601 W 47TH ST
MCCOOK, IL 60525
MCCOOK
Type: Private
Phone: (708) 762-5117

Land Type: Private Non Notifier: No TSD Date: Accessibility:

NAICS Codes: 562219 OTHER NONHAZARDOUS WASTE TREATMENT AND DISPOSAL

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Not a Generator; State:

Other Hazardous Waste Generator Activities

Short Term Generator:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
TSD Activity:	Yes
Recycler Activity:	No

Exempt Boiler and/or Industrial Furnace

Small Quantity Onsite Burner Exemption:	No
Smelting, Melting, Refining Furnace Exemption:	No
Underground Injection Control:	No
Destination Facility for Universal Waste:	No

Used Oil Activities

Used Oil Transporter Activity

Transporter:	No
Transfer Facility:	No

Used Oil Processor and/or Re-refiner Activity

Processor:	No
Refiner:	Yes

Off-Specification Used Oil Burner:	No

Used Oil Fuel Marketer Activity

Marketer who directs shipment off-specification used oil to off-specification used oil burner:	Yes
Marketer who first claims the used oil meets the specifications:	Yes

Subpart K

College/University:	No	Non-profit Research Institute:	No
Teaching Hospital:	No	Withdrawal:	No

RCRA Site Detail

ive Date: 07/30/1997 **Source Type: Notification** **Seq. Number: 1**

er/Previous Site Name: ORTEK INCOPORATED

Location Address:	7601 W 47TH ST MC COOK, IL 60525
Mailing Address:	7601 W 47TH ST MCCOOK, IL 60525

Contact Person For Source Information	FRANK LAPPIN (708) 442-6000	7601 W 47TH ST MCCOOK, IL 60525 UNITED STATES

Owner (current)
ORTEK INC
From: To:

7601 W 47TH ST
MCCOOK, IL 60525

Type: Private
Phone: (412) 856-6100

Land Type: Private | Non Notifier: No | TSD Date: | Accessibility:

Regulated Waste Activities

Hazardous Waste Generator Status - Federal: Small Quantity Generator; State:

Other Hazardous Waste Generator Activities

Short Term Generator:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
TSD Activity:	Yes
Recycler Activity:	No

Exempt Boiler and/or Industrial Furnace

Small Quantity Onsite Burner Exemption:	No
Smelting, Melting, Refining Furnace Exemption:	No

Underground Injection Control:	No
Destination Facility for Universal Waste:	No

Used Oil Activities

Used Oil Transporter Activity

Transporter:	No
Transfer Facility:	No

Used Oil Processor and/or Re-refiner Activity

Processor:	No
Refiner:	Yes

Off-Specification Used Oil Burner: No

Used Oil Fuel Marketer Activity

Marketer who directs shipment off-specification used oil to off-specification used oil burner:	Yes
Marketer who first claims the used oil meets the specifications:	Yes

Subpart K

College/University:	No	Non-profit Research Institute:	No
Teaching Hospital:	No	Withdrawal:	No

Description of Hazardous Wastes (as reported on Site Identification Form)

EPA Waste Codes: D002 D008 K048 K049 K050 K051 K052

ATTACHMENT F

RS Used Oil Services' Notification

OMB# 2050-0024; Expires 11/30/2011

0311945605

SEND COMPLETED FORM TO: The Appropriate State or Regional Office.	**United States Environmental Protection Agency** **RCRA SUBTITLE C SITE IDENTIFICATION FORM**	

1. Reason for Submittal (MARK ALL BOX(ES) THAT APPLY)

Reason for Submittal:

- ☒ To provide an Initial Notification (first time submitting site identification information / to obtain an EPA ID number for this location)
- ☐ To provide a Subsequent Notification (to update site identification information for this location)
- ☐ As a component of a First RCRA Hazardous Waste Part A Permit Application
- ☐ As a component of a Revised RCRA Hazardous Waste Part A Permit Application (Amendment #_____)
- ☐ As a component of the Hazardous Waste Report (if marked, see sub-bullet below)
  - ☐ Site was a TSD facility and/or generator of ≥1,000 kg of hazardous waste, >1 kg of acute hazardous waste, or >100 kg of acute hazardous waste spill cleanup in one or more months of the report year (or State equivalent LQG regulations)

2. Site EPA ID Number

EPA ID Number: ILR000111671

3. Site Name

Name: RS Used Oil Services, Inc.

4. Site Location Information

Street Address: 7601 W. 47th St.

City, Town, or Village: McCook | County: Cook

State: IL | Country: USA | Zip Code: 60525

5. Site Land Type

☒ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

6. NAICS Code(s) for the Site (at least 5-digit codes)

A. | C.

B. | D.

7. Site Mailing Address

Street or P.O. Box: 25903 S. Ridgeland Ave.

City, Town, or Village: Monee

State: IL | Country: USA | Zip Code: 60449

8. Site Contact Person

First Name: William | MI: J. | Last: Kennedy

Title: Director of Safety & Compliance

Street or P.O. Box: 25903 S. Ridgeland Ave.

City, Town or Village: Monee

State: IL | Country: USA | Zip Code: 60449

Email: bill@rsusedoil.com

Phone: 708-534-9300 | Ext.: | Fax: 708-534-9400

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner: North American Waste Refining | Date Became Owner: 07/04/2003

Owner Type: ☒ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

Street or P.O. Box: 7601 W. 47th St.

City, Town, or Village: McCook | Phone: 412-856-6100

State: IL | Country: USA | Zip Code: 60525

B. Name of Site's Operator: Ortek, Inc. | Date Became Operator: 07/04/2003

Operator Type: ☒ Private ☐ County ☐ District ☐ Federal ☐ Tribal ☐ Municipal ☐ State ☐ Other

RELEASABLE

NOV 03 2011

REVIEWED

EPA ID Number

OMB#: 2050-0024; Expires 11/30/2011

D. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

- You must check with your State to determine if you are eligible to manage laboratory hazardous wastes pursuant to 40 CFR Part 262 Subpart K

☐ 1. Opting into or currently operating under 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories. See the item-by-item instructions for definitions of types of eligible academic entities. Mark all that apply:

- ☐ a. College or University
- ☐ b. Teaching Hospital that is owned by or has a formal written affiliation agreement with a college or university
- ☐ c. Non-profit Institute that is owned by or has a formal written affiliation agreement with a college or university

☐ 2. Withdrawing from 40 CFR Part 262 Subpart K for the management of hazardous wastes in laboratories

11. Description of Hazardous Waste

A. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g., D001, D003, F007, U112). Use an additional page if more spaces are needed.

D001	D008	D039				

B. Waste Codes for State-Regulated (i.e., non-Federal) Hazardous Wastes. Please list the waste codes of the State-Regulated hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

ATTACHMENT G

Used Oil Waste Analysis Plan

Bob's / Lab's copy

ORTEK INC.

USED OIL MANAGEMENT WASTE ANALYSIS PLAN

Revised edition 03/15/03

ORTEK INC. WASTE ANALYSIS PLAN

The intent of this plan is to fully comply with both 40 CFR 279.55 as well as section 739.155 of the Illinois Environmental Protection Act. Under these acts our facility Ortek Inc. located at 7601 West 47th street in McCook, Illinois meets the definition of a used oil processor and as such must have a written waste analysis plan.

To comply with section 739.153 Ortek Inc. shall use both generator knowledge as well as sample analysis.

Incoming Waste Stream Analysis Plan

1. All waste streams at least annually or when their waste stream changes shall submit a copy of our waste profile sheet certifying that their waste stream is non-hazardous and meets the requirements of section 739.153 (See appendix A for waste profile sheet) 739.155(a)(1)

2. Upon entering the facility each truck and/or compartment of the truck shall be sampled using the Containerized liquid wastes method of sampling: COLIWASA described in Test Methods for the Evaluation of Solid Waste, Physical/Chemical Methods,. SW-846, incorporated by reference in 35 Ill. Adm. Code 720.111. 739.155(a)(2)(A)

3. All samples from each truck or compartment of the truck shall be analyzed prior to unloading and will be done so on-site. 739.155(a)(2)(B)

4. Ortek Inc. shall use SW-846 test method 9075 as approved by the US EPA for determing chlorine and other halogens in used oil to comply with section 739.153 (See appendix B for methodology) 739.155(a)(2)(C) XRF

5. Ortek Inc. will use a combination of generator knowledge as well as sampling analysis to determine the content of halogens in the used oil we accept for reprocessing. 739.155(a)(3)

Outgoing On-Spec Used Oil Analysis Plan

Any used oil received and processed and the intended use is for energy recovery shall meet the following standards. (739.172 / 739.111)

Arsenic	5 ppm max.
Cadmium	2 ppm max.
Chromium	10 ppm max.
Lead	100 ppm max.
Flash Point	100 ^{0}F min.
Total Halogens	4,000 ppm max.[2]

Footnote: [2] Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under section 739.110(b)(1)

APPENDIX A

MATERIAL PROFILE SHEET

Profile # _____

A. Billing Information (Written price quotes and inquires will be sent to this address.)

Company _____ Account # _____

Address _____

City/State _____ Zip _____ Contact _____

Phone _____ Fax _____

B. Generator Information/Location of Waste

Generator Name _____ Technical Contact _____

Premise Address _____

City/State _____ Zip _____

Contact Phone _____ Contact Fax _____

Type of Business Activity _____ SIC Code _____

C. Waste Description

Common Name of Waste _____

Process Generating Waste _____

Other Process Information _____

Source of Waste

- ❒ Unused Product or Chemical
- ❒ Waste by-product from process
- ❒ Spill clean up
- ❒ Planned Site Remediation
- ❒ Other _____

D. Physical Properties (at 25° C or 77° F)

Physical State

- ❒ 100% Solid Without Free Liquid
- ❒ 100% Liquid With No Solids
- ❒ Liquid/solid mixture
  - _____% Free Liquid
  - _____% Settled Solids
  - _____% Total Suspended Solids

Number of Phases/Layers

❒ 1 ❒ 2 ❒ 3

% By Volume (Approx.)

Top	*Middle*	*Bottom*
_____	_____	_____

Odor

- ❒ None
- ❒ Mild
- ❒ Strong

Describe: _____

Color

- ❒ Transparent
- ❒ Translucent
- ❒ Opaque

Describe: _____

Flash Point

- ❒ < 73° F
- ❒ 73° - 100° F
- ❒ 101° - 140° F
- ❒ 141° - 200° F
- ❒ > 200° F

pH

- ❒ < 2
- ❒ 2.1 – 4.9
- ❒ 5.1 - 9
- ❒ 9.1 – 12.5
- ❒ > 12.5

Specific Gravity (gm/ml)

- ❒ < 0.8 (e.g. Petroleum)
- ❒ 0.8 – 1.0 (e.g.Water/Petroleum)
- ❒ 1.0 (e.g. Water)
- ❒ 1.0 – 1.2 (e.g. Antifreeze)
- ❒ > 1.2 (e.g. Methylene Chloride)

Viscosity

- ❒ Low (e.g. Water)
- ❒ Medium (e.g. Motor Oil)
- ❒ High (e.g. Molasses)

E. Volume

Anticipated Volume: _____ ❒ Drums ❒ Bulk ❒ Other _____

Generation Frequency: ❒ One Time ❒ Batch ❒ Continuous

Estimated Shipment Frequency: ❒ Weekly ❒ Semimonthly ❒ Monthly ❒ Quarterly ❒ Other _____

F. Composition (Must add up to 100%. Include inert materials and/or debris if applicable.)

_____	_____ %	_____	_____ %
_____	_____ %	_____	_____ %
_____	_____ %	_____	_____ %
		Total	_____ %

G. Constituents Attach all available data including Lab analysis and MSDS's

These values are based on ☐ knowledge ☐ testing ☐ none in this section present

INORGANIC

RCRA Regulated Metals	Regulatory Level (mg/l)	Conc. (mg/l)
D004 Arsenic	5.0	
D005 Barium	100.0	
D006 Cadmium	1.0	
D007 Chromium	5.0	
D008 Lead	5.0	
D009 Mercury	0.2	
D010 Selenium	1.0	
D011 Silver	5.0	

Other	Conc. (mg/l)
Ammonia	
Phosphorus	
Formaldehyde	
COD	
Total Solids	
PCBs	
Dioxins	

Pesticides/Herbicides	Regulatory Level (mg/l)	Conc. (mg/l)
D012 Endrin	0.02	
D013 Lindane	0.4	
D014 Methoxychlor	10.0	
D015 Toxaphene	0.5	
D016 2,4-D	10.0	
D017 2,4,5-TP (Silvex)	1.0	
D020 Chlordane	0.03	
D031 Heptachlor (and its expoxide)	0.008	

OTHER METALS: Conc. (mg/l)

Copper	Cobalt	Titanium
Nickel	Tin	Vanadium
Zinc	Molybdenum	

ORGANIC

Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D018 Benzene	0.5	
D019 Carbon Tetrachloride	0.5	
D021 Chlorobenzene	100.0	
D022 Chloroform	6.0	
D028 1,2-Dichloroethene	0.5	
D029 1,1-Dichloroethylene	0.7	
D035 Methyl Ethyl Ketone	200.0	
D039 Tetrachloroethylene	0.7	
D040 Trichloroethlene	0.5	
D043 Vinyl Chloride	0.2	

Semi-Volatile Compounds	Regulatory Level (mg/l)	Conc. (mg/l)
D023 o-Cresol	200.0	
D024 m-Cresol	200.0	
D025 p-Cresol	200.0	
D026 Cresol (Total)	200.0	
D027 1,4-Dichlorobenzene	7.5	
D030 2,4-Dinitrotoluene	0.13	
D032 Hexchlorobenzene	0.13	
D033 Hexachlorobutadiene	0.5	
D034 Hexachloroethane	3.0	
D036 Nitrobenzene	2.0	
D037 Pentachlorophenol	100.0	
D038 Pyridine	5.0	
D041 2,4,5-Trichlorophenol	400.0	
D042 2,4,6-Trichlorophenol	2.0	

Other Hazards

- ☐ Water Reactive
- ☐ OSHA Regulated Carcinogens
- ☐ Oxidizer
- ☐ Reducer
- ☐ Infectious
- ☐ Thermally Sensitive
- ☐ Corrosive
- ☐ Other _____

H. Regulatory Status

RCRA Hazardous Waste (per 40CFR261)? ☐ Yes ☐ No State Hazardous Waste? ☐ Yes ☐ No

USDOT Hazardous Material? ☐ Yes ☐ No Used Oil (per 40CFR279)? ☐ Yes ☐ No

If yes to any, describe _____

I. Sample Status

Representative sample has been supplied? ☐ Yes ☐ No Sampled by: _____ Date Sampled: _____

J. Generators Certification

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples are representative of the actual waste. I f Ortek Inc. discovers a discrepancy during the approval process, generator grants Ortek Inc. the authority to amend the profile as Ortek Inc. deems necessary to reflect the discrepancy.

Generator's Signature _____ Name (print) _____ Date _____

APPENDIX B

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
8021B	Halogenated Volatile Organics by GC/HECD: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a Hall Electrolytic Conductivity Detector (HECD).	**Applicable to individual volatile organic compounds** in oil by dilute and shoot sample introduction.	EQLs of 0.040 to 0.625 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The HECD is a relatively low-cost GC detector when compared to the MS.
8260B	Volatile Organic Compounds by GC/MS: Capillary Column Technique	Purge-and-trap (or dilute and shoot for oils) gas chromatography (GC) procedure using a mass spectrometer (MS) detector.	**Applicable to individual volatile organic compounds** in oil by dilute and shoot sample introduction.	EQLs of about 2.5 mg/L in non-water miscible waste. Very low detection limit.	Method does not provide a total chloride number. The MS detector is an expensive, complex detector.
9020B	Total Organic Halides (TOX)	A sample of water is passed through a column of activated carbon, the column is washed to remove inorganic halides, the remaining halides are combusted, and detected with a microcoulometric detector.	**Applicable to all organic halides except fluorine in drinking water or ground waters** that do not contain an amount of inorganic halides in excess of 20,000 times.	MDL of 0.005 mg/L for drinking water and ground waters.	Generates a single total halide number. **Method is not applicable to oil matrices.**
5050	Bomb Combustion Method for Solid Waste	A sample of oil is oxidized by combustion for 30-40 minutes in a bomb containing oxygen under pressure. The resulting combustate is analyzed by Methods 9056, 9252A, or 9253.	This procedure does not detect halides or halogenated compounds. Rather, **this procedure prepares oil samples for analysis by other determinative methods.**	Not applicable. **This is not a determinative procedure.**	Applicable to solid waste, oils, fuels, and related materials.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9056	Anion Chromatography Method	For oils, 2-3 mL of combustate from Method 5050 is injected into an ion chromatograph and is pumped through 3 different ion exchange columns with halogens detected by a conductivity detector.	This procedure can sequentially determine chloride, fluoride, bromide, nitrate, nitrite, phosphate, and sulfate in combustate.	Minimum DL of 0.05 mg/L for F^- and 0.1 mg/L for Br^-, Cl^-, and the other ions. Very low detection limit.	The only method that can be used to determine the conc. of each halide group (F^-, Cl^-, or Br^-).
9253	Chloride (Titrimetric, Silver Nitrate)	For oils, combustate from Method 5050 is adjusted to pH 8.3 and is titrated with silver nitrate solution in the presence of potassium chromate indicator.	This method can determine chloride from bomb combustate. **Bromide, iodide, and sulfide are titrated along with the chloride.**	This method is intended for oxygen bomb combustates and waters where the chloride content is 5 mg/L or more.	Bromide, iodide, and sulfide are also titrated. Ortho- and polyphosphate can interfere at concentrations above 250 and 25 mg/L, respectively.
9075	Test Method for Total Chlorine in New and Used Petroleum Products by XRF Spectrometry	A well mixed sample is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K alpha and sulfur K alpha lines are measured using a calibrated system. The sulfur intensity is used to correct for absorption by sulfur. Free water is a major interferant and should be removed before analysis.	This method can determine the total chlorine in new and used oils, fuels, and related materials. Possible interferants include metals, water, and sediments in the oil. Spike recovery measurements on used crankcase oil showed that diluting samples 5 to 1 allowed accurate measurement on 80% of the samples.	The applicable range of this method is from 200 mg/kg to percent levels of chlorine in oil matrices.	This method does determine total chloride concentration. One sample from each group of closely related samples should be spiked to confirm that matrix effects are not significant.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9076	Test Method for Total Chlorine in New and Used Petroleum Products by Oxidative Combustion and Microcoulometry	A sample is placed in a quartz boat at the inlet of a high-temperature quartz combustion tube. An inert carrier gas sweeps across the inlet while oxygen flows to the center of the combustion tube. The boat and sample are passed through a temperature zone of about 300• C to volatilize the light ends. The sample is then advanced to the center of the combustion tube, which is at 1000• C, where the chlorine is converted to chloride and oxychlorides, which then flow into an attached titration cell where they quantitatively react with silver ions. The total current required to coulometrically replace the silver ions is a measure of the chlorine present in the sample.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Bromine and iodine will also give a positive response.** However, because oxyhalides of bromine and iodine do not react in the titration cell, only about a 50% microequivalent response is detected from them.	The applicable range of this method is from 10 to 10,000 mg/kg of chlorine in oil matrices.	This method does determine total chloride concentration along with some of the bromide and iodide concentration present.
9077	Test Method for Total Chlorine in New and Used Petroleum Products (3 Different Field Test Kit Methods)	Method A: The CHLOR-D-TECT 1000 by Dexsil Corporation, involves dispersing a sample of oil (about 0.4 g by volume) in a solvent and reacting with a mixture of metallic sodium catalyzed with naphthalene and diglyme at ambient temperature. All halides in the mixture are extracted into an aqueous buffered solution and titrated with mercuric nitrate using a diphenyl-carbazone indicator to a blue-violet endpoint.	This method can determine whether or not a sample contains greater than or less than 1000 ppm of total chloride in new and used oils, fuels and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	This method is semi-quantitative. Results are reported as being above or below 1000 mg/kg of chlorine (along with bromide and iodide) in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree then a third test must be performed.

RCRA SW-846 METHODS FOR DETERMINING CHLORINE AND OTHER HALOGENS IN USED OIL

Method	Title	Description of Procedure	Analytes Detected	Sensitivity (ppm)	Notes
9077 (cont.)		Method B: The Quanti-Chlor Kit from Chemetrics Inc., involves a reverse titration of a fixed volume of mercuric nitrate with the extracted sample to an endpoint that is denoted by a change from blue to yellow in the titration vessel.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	The applicable range of this method is 750 to 7000 mg/kg chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD a third test should be run.
		Method C: The CHLOR-D-TECT Q4000 from Dexsil Corporation involves a titration of the extracted sample with mercuric nitrate by means of a 1- mL microburette to an endpoint that is denoted by a change from pale yellow to red violet. The concentration of chlorine in the original oil is then read from a scale on the microburette.	This method can determine total chlorine in new and used oils, fuels, and related materials. **Fluoride, bromide, and iodide are also titrated and reported as chloride in the procedure.**	The applicable range of this method is 300 to 4000 mg/kg of chlorine in oil matrices.	This method can determine total halogens as chloride. Each sample should be tested twice. If the results do not agree within 10% RPD, a third test should be run.

TEST METHOD FOR TOTAL CHLORINE IN NEW AND USED PETROLEUM PRODUCTS BY X-RAY FLUORESCENCE SPECTROMETRY (XRF)

1.0 SCOPE AND APPLICATION

1.1 This test method covers the determination of total chlorine in new and used oils, fuels, and related materials, including crankcase, hydraulic, diesel, lubricating and fuel oils, and kerosene. The chlorine content of petroleum products is often required prior to their use as a fuel.

1.2 The applicable range of this method is from 200 µg/g to percent levels.

1.3 Method 9075 is restricted to use by, or under the supervision of, analysts experienced in the operation of an X-ray fluorescence spectrometer and in the interpretation of the results.

2.0 SUMMARY OF METHOD

2.1 A well-mixed sample, contained in a disposable plastic sample cup, is loaded into an X-ray fluorescence (XRF) spectrometer. The intensities of the chlorine K• and sulfur K• lines are measured, as are the intensities of appropriate background lines. After background correction, the net intensities are used with a calibration equation to determine the chlorine content. The sulfur intensity is used to correct for absorption by sulfur.

3.0 INTERFERENCES

3.1 Possible interferences include metals, water, and sediment in the oil. Results of spike recovery measurements and measurements on diluted samples can be used to check for interferences.

Each sample, or one sample from a group of closely related samples, should be spiked to confirm that matrix effects are not significant. Dilution of samples that may contain water or sediment can produce incorrect results, so dilution should be undertaken with caution and checked by spiking. Sulfur interferes with the chlorine determination, but a correction is made.

Spike recovery measurements of used crankcase oil showed that diluting samples five to one allowed accurate measurements on approximately 80% of the samples. The other 20% of the samples were not accurately analyzed by XRF.

3.2 Water in samples absorbs X-rays emmitted by chlorine. For this inter-ference, use of as short an X-ray counting time as possible is beneficial. This appears to be related to stratification of samples into aqueous and nonaqueous layers while in the analyzer.

Although a correction for water may be possible, none is currently available. In general, the presence of any free water as a separate phase or a water content greater than 25% will reduce the chlorine signal by 50 to 90%. See Sec. 6.4.

4.0 APPARATUS AND MATERIALS

4.1 XRF spectrometer, either energy dispersive or wavelength dispersive. The instrument must be able to accurately resolve and measure the intensity of the chlorine and sulfur lines with acceptable precision.

4.2 Disposable sample cups with suitable plastic film such as Mylar®.

5.0 REAGENTS

5.1 Purity of reagents. Reagent-grade chemicals shall be used in all tests. Unless otherwise indicated, it is intended that all reagents shall conform to the specifications of the Committee on Analytical Reagents of the American Chemical Society, where such specifications are available. Other grades may be used, provided it is first ascertained that the reagent is of sufficiently high purity to permit its use without lessening the accuracy of the determination.

5.2 Mineral oil, mineral spirits or paraffin oil (sulfur- and chlorine-free), for preparing standards and dilutions.

5.3 1-Chlorodecane (Aldrich Chemical Co.), 20.1% chlorine, or similar chlorine compound.

5.4 Di-n-butyl sulfide (Aldrich Chemical Co.), 21.9% sulfur by weight.

5.5 Quality control standards such as the standard reference materials NBS 1620, 1621, 1622, 1623, and 1624 for sulfur in oil standards; and NBS 1818 for chlorine in oil standards.

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan that addresses the considerations discussed in Chapter Nine.

6.2 The collected sample should be kept headspace free prior to preparation and analysis to minimize volatilization losses of organic halogens. Because waste oils may contain toxic and/or carcinogenic substances, appropriate field and laboratory safety procedures should be followed.

6.3 Laboratory sampling of the sample should be performed on a well-mixed sample of oil. The mixing should be kept to a minimum and carried out as nearly headspace free as possible to minimize volatilization losses of organic halogens.

6.4 Free water, as a separate phase, should be removed and cannot be analyzed by this method.

7.0 PROCEDURE

7.1 Calibration and standardization.

7.1.1 Prepare primary calibration standards by diluting the chlorodecane and n-butyl sulfide with mineral spirits or similar material.

7.1.2 Prepare working calibration standards that contain sulfur, chlorine, or both according to the following table:

Cl: 500, 1,000, 2,000, 4,000, and 6,000 µg/g
S: 0.5, 1.0, and 1.5% sulfur

1.	0.5% S, 1,000 µg/g Cl	5.	1.0% S, 6,000 µg/g Cl
2.	0.5% S, 4,000 µg/g Cl	6.	1.5% S, 1,000 µg/g Cl
3.	1.0% S, 500 µg/g Cl	7.	1.5% S, 4,000 µg/g Cl
4.	1.0% S, 2,000 µg/g Cl	8.	1.5% S, 6,000 µg/g Cl

Once the correction factor for sulfur interference with chlorine is determined, fewer standards may be required.

7.1.3 Measure the intensity of the chlorine Kα line and the sulfur Kα line as well as the intensity of a suitably chosen background. Based on counting statistics, the relative standard deviation of each peak measurement should be 1% or less.

7.1.4 Determine the net chlorine and sulfur intensities by correcting each peak for background. Do this for all of the calibration standards as well as for a paraffin blank.

7.1.5 Obtain a linear calibration curve for sulfur by performing a least squares fit of the net sulfur intensity to the standard concentrations, *including the blank. The chlorine content of a standard should* have little effect on the net sulfur intensity.

7.1.6 The calibration equation for chlorine must include a correction term for the sulfur concentration. A suitable equation follows:

$$Cl = (mI + b)(1 + k^*S) \qquad (1)$$

where:

I	= net chlorine intensity
m, b, k*	= adjustable parameters
S	= sulfer concentration

Using a least squares procedure, the above equation or a suitable substitute should be fitted to the data. Many XRF instruments are equipped with suitable computer programs to perform this fit. In any case, the resulting equation should be shown to be accurate by analysis of suitable standard materials.

7.2 Analysis.

7.2.1 Prepare a calibration curve as described in Sec. 7.1. By periodically measuring a very stable sample containing both sulfur and chlorine, it may be possible to use the calibration equations for more than 1 day. During each day, the suitability of the calibration curve should be checked by analyzing standards.

7.2.2 Determine the net chlorine and sulfur intensities for a sample in the same manner as done for the standards.

7.2.3 Determine the chlorine and sulfur concentrations of the samples from the calibration equations. If the sample concentration for either element is beyond the range of the standards, the sample should be diluted with mineral oil and reanalyzed.

8.0 QUALITY CONTROL

8.1 Refer to Chapter One for specific quality control procedures.

8.2 One sample in ten should be analyzed in triplicate and the relative standard deviation reported. For each triplicate, a separate preparation should be made, starting from the original sample.

8.3 Each sample, or one sample in ten from a group of similar samples, should be spiked with the elements of interest by adding a known amount of chlorine or sulfur to the sample. The spiked amount should be between 50% and 200% of the sample concentration, but the minimum addition should be at least five times the limit of detection. The percent recovery should be reported and should be between 80% and 120%. Any sample suspected of containing >25% water should also be spiked with organic chlorine.

8.4 Quality control standard check samples should be analyzed every day and should agree within 10% of the expected value of the standard.

9.0 METHOD PERFORMANCE

9.1 These data are based on 47 data points obtained by seven laboratories who each analyzed four used crankcase oils and three fuel oil blends with crankcase in duplicate. A data point represents one duplicate analysis of a sample. Two data points were determined to be outliers and are not included in these results.

9.2 Precision. The precision of the method as determined by the statistical examination of interlaboratory test results is as follows:

Repeatability - The difference between successive results obtained by the same operator with the same apparatus under constant operating conditions on identical test material would exceed, in the long run, in the normal and correct operation of the test method, the following values only in 1 case in 20 (see Table 1):

$$Repeatability = 5.72 \sqrt{x}^{*}$$

*where x is the average of two results in µg/g.

Reproducibility - The difference between two single and independent results obtained by different operators working in different laboratories on identical test material would exceed, in the long run, the following values only in 1 case in 20:

$$Reproducibility = 9.83 \sqrt{x}^{*}$$

*where x is the average value of two results in µg/g.

9.3 Bias. The bias of this test method varies with concentration, as shown in Table 2:

Bias = Amount found - Amount expected..

10.0 REFERENCE

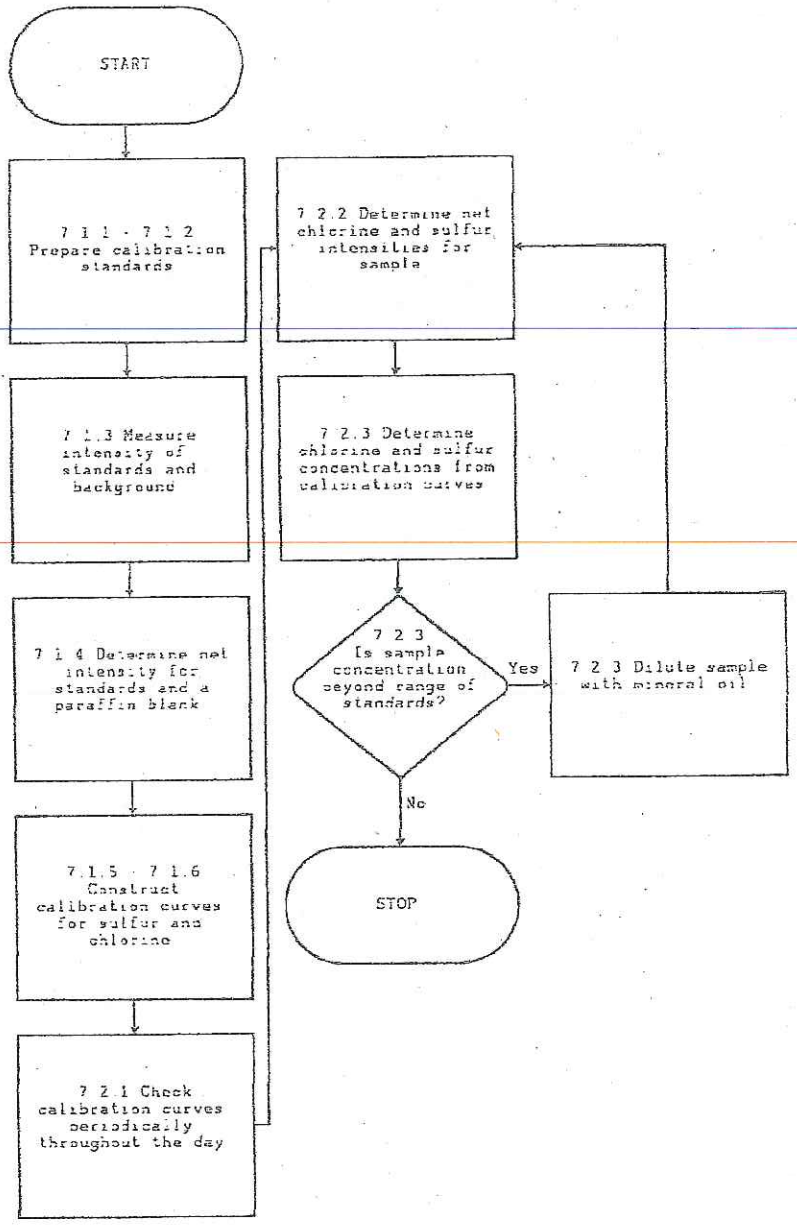
1. Gaskill, A.; Estes, E.D.; Hardison, D.L.; and Myers, L.E. Validation of Methods for Determining Chlorine in Used Oils and Oil Fuels. Prepared for U.S. Environmental Protection Agency, Office of Solid Waste. EPA Contract No. 68-01-7075, WA 80. July 1988.

TABLE 1. REPEATABILITY AND REPRODUCIBILITY FOR CHLORINE IN USED OILS BY X-RAY FLUORESCENCE SPECTROMETRY

Average value, µg/g	Repeatability, µg/g	Reproducibility, µg/g
500	128	220
1,000	181	311
1,500	222	381
2,000	256	440
2,500	286	492
3,000	313	538

TABLE 2. RECOVERY AND BIAS DATA FOR CHLORINE IN USED OILS BY X-RAY FLUORESCENCE SPECTROMETRY

Amount expected, µg/g	Amount found, µg/g	Bias, µg/g	Percent bias
320	278	-42	-13
480	461	-19	-4
920	879	-41	-4
1,498	1,414	-84	-6
1,527	1,299	-228	-15
3,029	2,806	-223	-7
3,045	2,811	-234	-8


START
7 1 1 - 7 1 2 Prepare calibration standards
7 1 3 Measure intensity of standards and background
7 1 4 Determine net intensity for standards and a paraffin blank
7.1.5 - 7 1.6 Construct calibration curves for sulfur and chlorine
7 2 1 Check calibration curves periodically throughout the day
7 2 2 Determine net chlorine and sulfur intensities for sample
7 2 3 Determine chlorine and sulfur concentrations from calibration curves
7 2 3 Is sample concentration beyond range of standards?
Yes
7 2 3 Dilute sample with mineral oil
No
STOP

METHOD 1010
PENSKY-MARTENS CLOSED-CUP METHOD FOR DETERMINING IGNITABILITY

1.0 SCOPE AND APPLICATION

1.1 Method 1010 uses the Pensky-Martens closed-cup tester to determine the flash point of liquids including those that tend to form a surface film under test conditions. Liquids containing non-filterable, suspended solids shall also be tested using this method.

2.0 SUMMARY OF METHOD

2.1 The sample is heated at a slow, constant rate with continual stirring. A small flame is directed into the cup at regular intervals with simultaneous interruption of stirring. The flash point is the lowest temperature at which application of the test flame ignites the vapor above the sample.

For further information on how to conduct a test by this method, see Reference 1 below.

3.0 METHOD PERFORMANCE

3.1 The Pensky-Martens and Setaflash Closed Testers were evaluated using five industrial waste mixtures and p-xylene. The results of this study are shown below in °F along with other data.

Sample	Pensky-Martens	Setaflash
1[2]	143.7 ± 1.5	139.3 ± 2.1
2[2]	144.7 ± 4.5	129.7 ± 0.6
3[2]	93.7 ± 1.5	97.7 ± 1.2
4[2]	198.0 ± 4.0	185.3 ± 0.6
5[2]	119.3 ± 3.1	122.7 ± 2.5
p-xylene[2]	81.3 ± 1.1	79.3 ± 0.6
p-xylene[3]	77.7 ± 0.5[a]	--
Tanker oil	125, 135	--
Tanker oil	180, 180	--
Tanker oil	110, 110	--
DIBK/xylene	102 ± 4[b]	107

[b]75/25 v/v analyzed by four laboratories.
[a]12 determinations over five-day period.

4.0 REFERENCES

1. D 93-80, Test Methods for Flash Point by Pensky-Martens Closed Tester, American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, 04.09, 1986.

2. Umana, M., Gutknecht, W., Salmons, C., et al., Evaluation of Ignitability Methods (Liquids), EPA/600/S4-85/053, 1985.

3. Gaskill, A., Compilation and Evaluation of RCRA Method Performance Data, Work Assignment No. 2, EPA Contract No. 68-01-7075, September 1986.

METHOD 9041A

pH PAPER METHOD

1.0 SCOPE AND APPLICATION

1.1 Method 9041 may be used to measure pH as an alternative to Method 9040 (except as noted in Step 1.3) or in cases where pH measurements by Method 9040 are not possible.

1.2 Method 9041 is not applicable to wastes that contain components that may mask or alter the pH paper color change.

1.3 pH paper is not considered to be as accurate a form of pH measurement as pH meters. For this reason, pH measurements taken with Method 9041 cannot be used to define a waste as corrosive or noncorrosive (see RCRA regulations 40 CFR §261.22(a)(1).

2.0 SUMMARY OF METHOD

2.1 The approximate pH of the waste is determined with wide-range pH paper. Then a more accurate pH determination is made using "narrow-range" pH paper whose accuracy has been determined (1) using a series of buffers or (2) by comparison with a calibrated pH meter.

3.0 INTERFERENCES

3.1 Certain wastes may inhibit or mask changes in the pH paper. This interference can be determined by adding small amounts of acid or base to a small aliquot of the waste and observing whether the pH paper undergoes the appropriate changes.

CAUTION: THE ADDITION OF ACID OR BASE TO WASTES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES (e.g., hydrogen cyanide). Thus, a decision to take this step requires some knowledge of the waste. See Step 7.3.3 for additional precautions.

4.0 APPARATUS AND MATERIALS

4.1 Wide-range pH paper.

4.2 Narrow-range pH paper: With a distinct color change for every 0.5 pH unit (e.g., Alkaacid Full-Range pH Kit, Fisher Scientific or equivalent). Each batch of narrow-range pH paper must be calibrated versus certified pH buffers or by comparison with a pH meter which has been calibrated with certified pH buffers. If the incremental reading of the narrow-range pH paper is within 0.5 pH units, then the agreement between the buffer or the calibrated pH meter with the paper must be within 0.5 pH units.

4.3 pH Meter (optional).

5.0 REAGENTS

5.1 Certified pH buffers: To be used for calibrating the pH paper or for calibrating the pH meter that will be used subsequently to calibrate the pH paper.

5.2 Dilute acid (e.g., 1:4 HCl).

5.3 Dilute base (e.g., 0.1 N NaOH).

6.0 SAMPLE COLLECTION, PRESERVATION, AND HANDLING

6.1 All samples must be collected using a sampling plan which addresses the considerations discussed in Chapter Nine of this manual.

7.0 PROCEDURE

7.1 A representative aliquot of the waste must be tested with wide-range pH paper to determine the approximate pH.

7.2 The appropriate narrow-range pH paper is chosen and the pH of a second aliquot of the waste is determined. This measurement should be performed in duplicate.

7.3 Identification of interference:

7.3.1 Take a third aliquot of the waste, approximately 2 mL in volume, and add acid dropwise until a pH change is observed. Note the color change.

7.3.2 Add base dropwise to a fourth aliquot and note the color change. (Wastes that have a buffering capacity may require additional acid or base to result in a measurable pH change.)

7.3.3 The observation of the appropriate color change is a strong indication that no interferences have occurred.

CAUTION ADDITION OF ACID OR BASE TO SAMPLES MAY RESULT IN VIOLENT REACTIONS OR THE GENERATION OF TOXIC FUMES. PRECAUTIONS MUST BE TAKEN. THE ANALYST SHOULD PERFORM THESE TESTS IN A WELL-VENTILATED HOOD WHEN DEALING WITH UNKNOWN SAMPLES.

8.0 QUALITY CONTROL

8.1 All quality control data must be maintained and available for easy reference or inspection.

8.2 All pH determinations must be performed in duplicate.

8.3 Each batch of pH paper must be calibrated versus certified pH buffers or a pH meter which has been calibrated with certified pH buffers.

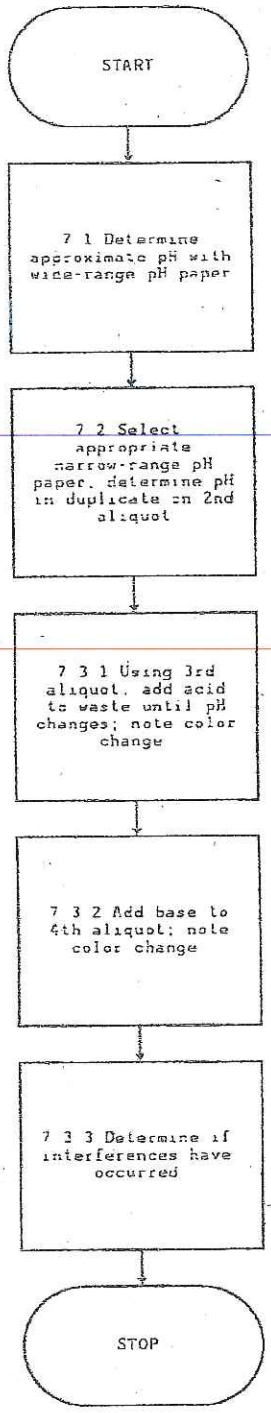
9.0 METHOD PERFORMANCE

9.1 No data provided.

10.0 REFERENCES

10.1 None required.

pH PAPER METHOD



ATTACHMENT H

SPCC Plan

BK
Copy

SPILL PREVENTION, CONTROL AND COUNTERMEASURES PLAN
SPCC

Ortek, Inc.
7601 W. 47th Street
McCook, IL 60525
708-762-5117

SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN

Ortek Inc. 7601 West 47th Street McCook, IL 60525

Date of Facility's First Plan: *June 14, 2002*
Date of Last Plan Amendment: *October, 2007*
Date of Last Plan Review: *August, 2010*

Designated staff person(s) responsible for spill prevention: Robert Kolar

EMERGENCY TELEPHONE NUMBERS:

Notification Contacts:

1.	Facility Manager, Robert Kolar	(cell)	(708) 415-8813
		(home)	(708) 496-8813
2.	National Response Center		(800) 424-8802
3.	Illinois Emergency Services & Disaster Agency (ESDA)		(800) 782-7860
4.	Illinois EPA (Bureau of Land), general phone number		(217) 782-6761
5.	Cook County Department of Environmental Control		(312) 603-8200
6.	Village of McCook dial 911 for Fire Department or Police		(708) 447-1234
7.	Other Ortek Employees, Laurie Witter	(cell)	(630) 417-6399
		(home)	(630) 515-8548
8.	Hospitals --	LaGrange Memorial	(708) 352-1200
		MacNeal Hospital	(708) 783-9100

Clean-Up Contractors:

1.	Future Environmental (contacts = Jim, Steve, Tom)	(708) 479-6900
2.	North Branch Environmental (contacts = John or JD)	(630) 529-0240
3.	HazChem Environmental (contacts = Al or Chris)	(630) 458-1910
4.	Duke's Oil (contact = Gary)	(630) 860-5689

Supplies and Equipment:

1.	North Branch Environmental	(630) 529-0240
2.	or any of the other clean-up contractors listed above	

TABLE OF CONTENTS

PROFESSIONAL ENGINEER CERTIFICATION

CERTIFICATION: I hereby certify that I and\or those under my direction have examined the facility and having reviewed this SPPC Plan, attest that the Plan has been prepared in accordance with good engineering practices.

Engineer: Nolan Aughenbaugh Registration Number: 062-047575 State: Illinois

Signature: Nolan Aughenbaugh Date of Plan Certification: October 25, 2007

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN MANAGEMENT APPROVAL

I hereby certify that the necessary resources to implement this Plan have been committed.

Lowell Aughenbaugh

Lowell Aughenbaugh, Facility Manager — 6-14-02 & 10-24-07

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Please see Attachment A.

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Lowell Aughenbaugh, Facility Manager — 6-14-02 & 10-24-07

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

Please see Attachment A.

SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN COMPLIANCE REVIEW PAGE

In accordance with 40 CFR 112.5(b), a review and evaluation of this SPCC Plan is conducted at least once every three years. These reviews and evaluations are recorded below:

	Reviewer (signature) Reviewer (print)	Date	Comments	Is P.E. re-certification required? Yes or No
1.	Bob Madl \ Lowell Aughenbaugh	6-14-02		yes
2.	Lowell Aughenbaugh	6-03-03		no
3.	Lowell Aughenbaugh	June, 2005		
4.	Lowell Aughenbaugh / Nolan Aughenbaugh	Oct, 2007		

FACILITY INFORMATION

Name:	Ortek Inc.
Mailing Address:	7601 West 47th Street McCook, IL 60525
Street Address:	7601 West 47th Street McCook, IL 60525
Owner:	North American Refining Corp. 7601 West 47th Street McCook, IL 60525
Facility Contact:	Lowell Aughenbaugh (708) 762-5117
Location:	Approximately 1.0 miles north of Interstate I-55 off Harlem Ave. (I-55 Exit 283) then Left (west) on 47th Street. The Site is located in Cook County, Illinois
Facility Description:	Ortek Inc. is an oily waste water treatment facility, used oil recycler (re-refiner), compounder/blender, and packager. The site comprises of approximately 6-acres which is bermed\contained on all sides. The Company owns and operates various equipment including forklifts, backhoes, a crane, man-lift, bobcat (skidsteer), loading docks, truck scale, storage tanks, process equipment, and high & low pressure boilers.
Fixed Storage:	All the storage tanks at the Ortek site are aboveground storage tanks (AST's). A listing of these tanks and related specific information are contained in Appendix C (Storage Tank Data). Total liquid storage capacity: 2,531,870 gallons

Attachment B, contains a facility Plan Map showing the location of storage tanks, process equipment, and the general layout of the facility.

PAST SPILL EXPERIENCE – 40 CFR 112.7 (a)

Description of Spill	Corrective Actions Taken	Plan for Preventing Recurrence
1987 tank pressure release sulfurized lard tank	Area cleaned up / remediated	Personnel training & press safety release installed on process tank

POTENTIAL EQUIPMENT FAILURES – 40 CFR 112.7 (b)

Potential Failure	Spill Direction	Volume Released	Spill Rate
Complete failure of a full tank	Inside Dike Area	Est. 50,000 gallons	Instantaneous Assuming worst case
Partial failure of a full tank	Inside Dike Area	up to 5,000 gallons	Gradual to Instantaneous
Storage Tank, or Tanker overfill, supervised	Inside Dike Area	up to 1,000 gallons	assume 100 gallons / min
Pipe failure	Inside Dike Area Or un-diked area	up to say 1000 gals	assume 100 gallons / min
Small Leak in pipe, flange, valve, or packing	Inside Dike Area Or pump house	up to 100 gallons	Gradual
Tank truck leak or failure	Truck offloading areas	up to 5000 gallons	Gradual to Instantaneous
Hose leak during transfer	Northbound down RR tracks	up to 500 gallons	assume 100 gals / minute
Pump rupture or failure	Pump house or Diked area	up to 500 gallons	assume 100 gals / minute

CONTAINMENT AND DIVERSIONARY STRUCTURES – 40 CFR 112.7 (c)(1)

i. Dikes are provided around the tanks that store various lubricating oils/additives, and other materials across the facility The floor and walls of the containment structures are concrete, or clay earthened dikes. Spills within any containment area are expected to be contained in that area. In addition to tank storage areas being contained, the entire 6-acre Ortek facility is "contained", forming a secondary, backup containment. Earthern and/or concrete berms/walls surround the entire site, with native clay forming the native soil base of the facility. Consultants during the 1970's completed surveying and volume calculations and established that the site as it lays could contain over 4-million gallons of liquid(s) before any spilled material could leave the site.

ii. The loading and unloading area for tanker trucks and/or railcars is also made of concrete\asphalt. However some loading of product materials is completed over unprotected gravel areas. The use of readily available spill equipment would prevent any potential spills from spreading far including Ortek's liquid vacuum truck, backhoe, and other resources available to the company.

iii. The facility operates its own wastewater treatment plant and all drainage of rainwater within the facility flows thru the treatment plant. In addition, there are no sewers located within the facilities boundaries.

iv. Ortek keeps on-hand various absorbent spill pads, absorbent clays, oil booms, numerous portable liquid pumps, vacuum truck, backhoe, case brand skidsteer (bobcat), and other such equipment should a spill ever occur. In addition, most dikes located at this site contain pumps inside each dike that are capable of pumping any spills that may occur within that dike. Ortek works with most of Chicago-Land's top spill response contractors, and as a result generally have these trucks/emergency equipment available to us as well.

DEMONSTRATION OF PRACTICABILITY – 40 CFR 112.7(d)

Ortek Inc. has determined that use of the containment and diversionary structures and the use of readily available spill equipment to prevent discharged oil or other materials/liquids from reaching navigable waterways or sewers are practical and effective at this facility. Probably one of the best demonstrations of this at this site has been past heavy rain events (floods). During flooding events Ortek has been able to evaluate the path spills may take as well as the effectiveness of dikes, containment structures, berms, and\or diversionary structures. Because Ortek treats all it's rainwater, we are in-effect practicing spill procedures every time it rains (although I don't believe we have recorded all this in our spill "training" records).

FACILITY DRAINAGE – 40 CFR 112.7(e)(1)

i. Spills from above ground storage tanks will be restrained by secondary containment. Spills outside of the dike area will be contained by the use of the facilities spill equipment.

ii. Rainwater and/or melting snow is sent to Ortek's own on-site waste water treatment plant.

BULK STORAGE TANKS – 40 CFR 112.7(e)(2)

i. All of the AST's are of Underwriter Laboratories UL-142 construction and/or API 650 and are compatible with the oil or liquid that they contain and the temperature and pressure conditions of storage.

ii. Secondary containment volume is greater than 110 percent of the largest tank in the facility.

iii. 55 gallon drums containing lubricating oil additives or other materials are stored in few common areas and periodically monitored for any signs of leaks.

iv. There are no underground storage tanks (UST's) at the Site.

v. Thickness testing has historically been completed on AST's every five years using a system of non-destructive testing such as ultrasonic or x-ray. Visual inspections of tanks and dikes are performed daily.

vi. Each storage tank (AST) is equipped with a floating level style level gauge. Venting capacity is suitable for the anticipated fill and withdrawal rates. Tank level gauges are checked for accuracy whenever metering product through tested positive displacement meters, and/or measured and marked off on the tank knowing the volume per foot (gallons per foot), for any diameter tank.

vii. Oil leaks that result in a loss of oils from tanks, gaskets, packing, or other sources are generally corrected immediately, with spill pans or a bucket placed under the leak, for example, until the leak can be repaired.

TRANSFER OPERATIONS, PUMPING, AND IN-PLANT PROCESSES – 40 CFR 112.7(e)(3)

i. There is no buried/underground piping in the facility. All piping is above grade.

ii. Pipelines not in service or on standby for an extended period (over 3 months) are capped or blank flanged.

iii. Pipe supports are designed to minimize abrasion and corrosion and to allow for expansion and contraction.

iv. Aboveground pipelines, pumps and valves are examined daily to assess their condition. Clearing a pipeline, along with air pressure testing of the piping can be conducted if any piping section is questioned.

v. Aboveground pipelines do not come in contact with truck or railcar loading/unloading operations.

TANK CAR AND TRUCK LOADING / UNLOADING RACKS – 40 CFR 112.7(e)(4)

i. The tank truck loading and unloading procedures meet the minimum requirements of the U. S. Department of Transportation.

ii. Parking brakes on trucks/railcars are set prior to loading/unloading. We request that all running tanker trucks engines are shut down during these operations.

iii. The lower-most drain and other outlets on each tank trucks/railcar are inspected for leaks prior to and while loading and prior to departure. In addition, the internal safety valves are checked on tank trucks prior to loading and while sampling.

iv. Deliveries and transfers are performed by qualified/trained Ortek Inc. employees.

INSPECTION AND RECORDS - 40 CFR 112.7(e)(8)

Daily visual inspections consist of a complete walk-through of the facility to check the following: piping, equipment and tanks for leakage, concrete\ground for staining and/or discoloring. In addition, tank inventory is taken on all tanks once per working day.

The checklist provided in Attachment D is followed during weekly inspections. These items covered in the inspections are performed in accordance with written procedures such as API standards and with good engineering practices.

SECURITY – 40 CFR 112.7(e)(9)

Ortek Inc. is manned twenty-four hours per day seven days per week. In addition, doors, entrance gates, etcetera are locked and secured during off hours. The facility is generally surrounded by six-foot high fencing at the property boundaries.

i. Valves are closed after each operation at the facility. All pumps are shut off after each operation. There are generally multiple valves on each loading/unloading line so overlooking one valve should not lead to any spills. In addition, sample valves on storage tanks are capped.

ii. The plant is illuminated twenty-four hours per day, and warning signs are posted informing visitors or others that they must check in, or not trespass. In addition, 24-hour, round the clock video surveillance is now recorded for a large portion of the facility.

PERSONNEL TRAINING AND SPILL PREVENTION PROCEDURES-40CFR 112.7 (e)(10)

i. Facility personnel have been instructed by management in the operation and maintenance of pollution prevention equipment and pollution control laws and regulations.

ii. Facility manager, Lowell Aughenbaugh is ultimately responsible for oil spill prevention at this facility. Mr. Bob Kolar also works in this capacity.

iii. Yearly spill prevention briefings are provided by Management for operating personnel to ensure adequate understanding of the SPCC plan. These briefings highlight any past spill events or failures and recently developed precautionary measures. Training includes oil spill prevention, containment, and retrieval methods. A simulation of an on-site vehicular spill has been conducted and future exercises shall be periodically held to prepare for possible spill responses. Also, as discussed earlier, rain events have been useful learning/training experience, as rain accumulation and runoff is evaluated as if the rainwater had been a "spill". New employees are trained concerning the SPCC plan, generally within 2 weeks of starting work.

Instructions and phone numbers regarding the reporting of a spill to the National Response Center and the state are listed on the cover page of this plan and have been posted.

Attachment A

CERTIFICATION OF THE APPLICABILITY OF THE SUBSTANTIAL HARM CRITERIA CHECKLIST

FACILITY NAME: Ortek Inc. FACILITY ADDRESS: 7601 W. 47th Street McCook, IL 60525

1. Does the facility transfer oil over water of from vessels and does the facility have a total oil storage capacity greater than or equal to 42,000 gallons?
   Yes ____ No X

2. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and does the facility lack secondary containment that is sufficiently large to contain the capacity of the largest aboveground oil storage tank plus sufficient freeboard to allow for precipitation within any aboveground oil storage tank area?
   Yes ____ No X

3. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the formula in Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the facility could cause injury to fish and wildlife and sensitive environments? For further description of fish and wildlife environments, see Appendices I, II, and III to DOC/NOAA's "Guidance for Facility and Vessel Response Environments" (Section 10, Appendix E, 40 CFR 112 for availability) and the applicable Area Contingency Plan.
   Yes ____ No X

4. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and is the facility located at a distance (as calculated using the appropriate (Attachment C-III, Appendix C, 40 CFR 112 or a comparable formula[1]) such that a discharge from the facility would shut down a public drinking water intake[2]?
   Yes ____ No X

5. Does the facility have a total oil storage capacity greater than or equal to 1 million gallons and has the facility experienced a reportable oil spill in an amount greater than or equal to 10,000 gallons within the last 5 years?
   Yes ____ No X

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

Lowell Aughenbaugh
Name (please type or print)

Signature

Facility Manager
Title

Date

[1]If a comparable formula is used, documentation of the reliability and analytical soundness of the comparable formula must be attached to this form.

[2]For the purposes of 40 CFR part 112, public drinking water intakes are analogous to the public water systems as described at 40 CFR 143.2©. (from 40 CFR 112 Appendix C, Attachment C-II)

Appendix C

ORTEK STORAGE TANKS & PROCESS EQUIPMENT - CURRENT

TANK NUMBER	PRODUCT STORED	CAPACITY	YEAR BUILT	DIAMETER	HEIGHT	STATUS	MFG.	S.N.#	gal/in	gal/ft
D-1	NOT IN SERVICE	15,000	1974	12.00	17.75	SAME			70	850
D-2	NOT IN SERVICE	15,000	1977	12.00	17.75	SAME	IMPERIAL	9831	70	850
1	OILY WASTE EMULSIONS	15000	1976	12.00	17.75	SAME	IMPERIAL	9831	70	850
2	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME			70	850
3	OILY WASTE EMULSIONS	15,000	1976	12.00	17.75	SAME	BACON		70	850
4	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
5	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
6	OILY WASTE EMULSIONS	21,300	1962	11.00	30.00	SAME			58	700
7	#5 FUEL OIL - WET	28,770	1978	11.83	35.00	CHANGE			68	825
8	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			68	825
9	NOT IN SERVICE	28,770	1978	11.83	35.00	CHANGE			68	825
10	NOT IN SERVICE	28,770	1978	11.83	35.00	SCRAP			68	825
20	NOT IN SERVICE	8,000	1972	13.60	16.3	empty			91	1090
98	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
99	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE			58	700
100	NOT IN SERVICE	250,000	1954	35.00	36.00	CHANGE			600	7200
101	NOT IN SERVICE	250,000	1954	35.00	36.00	SCRAP	GRAVER	1092	600	7200
110	NOT IN SERVICE	15,000	1964	10.50	23.20	UNKNOWN			54	650
120	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
121	#5 FUEL OIL - WET	21,300	1952	11.00	30.00	SAME			58	700
122	#5 FUEL OIL - DRY	21,300	1952	11.00	30.00	SAME			58	700
123	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
124	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
125	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
126	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
127	USED OIL	21,300	1952	11.00	30.00	CHANGE			58	700
128	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
129	WATER SOLUBLE	21,300	1952	11.00	30.00	SAME			58	700
130	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
131	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
132	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
133	USED OIL	21,300	1952	11.00	30.00	SAME			58	700
143	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
144	NOT IN SERVICE	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7428	58	700
145	#5 FUEL OIL - WET	21,300	1969	11.00	30.00	CHANGE	IMPERIAL	7549	58	700
146	#5 FUEL OIL - DRY	21,300	1969	11.00	30.00	SAME	IMPERIAL	7549	58	700
201	FLUSHING OIL	1,500	1962	5.00	10.20	SAME			12	147
204	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
205	NOT IN SERVICE	2,100	1958	4.70	16.00	UNKNOWN			11	130
207	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
208	SJR 2000	2,750	1958	5.75	14.00	UNKNOWN			16	194
210	SJR 2000	2,750	1958	5.75	14.00	SAME			16	194
211	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
212	H CAL 2400	2,750	1958	5.75	14.00	SAME			16	194
213	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
214	NIS	2,750	1958	5.75	14.00	SAME			16	194
215	EXXON 80 NEUTRAL	2,750	1958	5.75	14.00	UNKNOWN			16	194
216	ELCO 102 BLEND	2,750	1958	5.75	14.00	SAME			16	194
217	RIGID DARK TANK	2,750	1958	5.75	14.00	UNKNOWN			16	194
237	INFINEUM 4540	6,200	1962	8.00	16.48	SAME			31.5	376
238	IPC 1500	6,200	1962	8.00	16.48	SAME			31.5	376
240	SK 150 NEUTRAL	19,900	1962	11.00	27.20	CHANGE			58	700
241	ORTEK BASE OIL-150	10,500	1962	11.00	15.00	SAME			58	700
242	INFINEUM SL P 5066	12,000	1962	11.00	17.00	SAME			58	700
250	BLENDING TANK	7,500	1962	8.450	17.87	SAME	GRAVER	46309	35	420
251	BRANNEN SJ	6,200	1962	8.000	16.48	SAME			31.5	376
252	IPC 1500	10,500	1962	11.00	15.00	SAME			58	700

ATTACHMENT I

Release Information 7/14/10

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

Incident Inquiry Letter

July 28, 2010

Mr. Robert Kolar
Ortec Inc.
7601 W 47th St
McCook, IL 60525

Re: IEMA Incident 20100795/20100797, McCook, Cook County, Illinois

Dear Mr. Kolar,

On July 24, 2010, this office received information that you and/or an organization that you represent were involved in an environmental incident, which occurred at or near 7601 W 47th St on or before July 24, 2010. Our records currently indicate the involvement of 1,000 gallons of motor oil.

The Illinois Environmental Protection Agency (IEPA) is sending this Incident Inquiry Letter to request further information about the facts and circumstances related to the above referenced incident, pursuant to Section 4(h) of the Environmental Protection Act, 415 ILCS 5/4(h). The IEPA is also seeking information on any actions you have taken or plan to take in response to the incident. Please provide IEPA with the following, to the extent applicable to this incident:

- a description of what happened and how it happened
- any mitigation actions taken at the time of the incident
- a description of any additional cleanup and preventive actions planned
- if cleanup and disposal have not been completed when you submit your response to this Incident Inquiry Letter, include in your response an estimated time schedule for completing such actions. Upon completion, please submit a final report explaining cleanup actions and disposal.
- the specific information requested in the enclosed attachment(s)

A written response to this Incident Inquiry Letter is expected by August 27, 2010. If any remediation activities are not completed by this date, submit all information available and a schedule for the completion of the rest. The IEMA Incident number, city, county and responsible party name should be noted in all correspondence about this incident. Please submit one copy of your response to:

Illinois Environmental Protection Agency
Office of Emergency Response
Emergency Operations Unit
1021 North Grand Avenue East
P.O. Box 19276, Mail Drop #29
Springfield, Illinois 62794-9276

Illinois Environmental Protection Agency
Emergency Operations Unit
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions regarding any of the above, please contact the undersigned at 847/294-4000.

Sincerely,

Don Klopke, Senior Emergency Responder
Emergency Operations Unit
Office of Emergency Response

cc: Incident File
Des Plaines EOU
John Waligore

ORTEK INC.

"Recycling for Tomorrow's Future"

August 5, 2010

Illinois Environmental Protection Agency
Office of Emergency Operations Unit
1021 North Grand Avenue East
P.O. Box 19276, Mail Drop #29
Springfield, IL 62794-9276

Re: IEMA Incident 20100795/20100797, McCook, Cook County, Illinois

To Whom it may concern:

We are responding to the letter dated July 28, 2010, from the Illinois Environmental Protection Agency regarding Incident 20100795/20100797, McCook, Cook County, Illinois. The clean-up is being addressed by Anna VanOrden and we are complying. A full report will be submitted by Anna when the project has been completed.

Sincerely,

Robert Kolar

Robert Kolar
Plant Manager

cc: Mr. Don Klopke, Senior Emergency Responder
Illinois Environmental Protection Agency
9511 West Harrison
Des Plaines, IL 60016

7601 West 47th Street ♦ McCook, Illinois 60525

(708) 762-5117 ♦ (708) 762-5118 Fax

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

August 13, 2010

Chicago Diversified Projects
6015 N. Ridge
Chicago, IL 60660
Telephone: (773) 465-7700
Fax: (773) 973-5073

RE: EC-7000

STAT Project No: 10080152

Dear Don Gors:

STAT Analysis received 9 samples for the referenced project on 8/5/2010 1:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini
Project Manager

STAT Analysis Corporation

Date: August 13, 2010

Client: Chicago Diversified Projects
Project: EC-7000
Lab Order: 10080152

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
10080152-001A	#1 Soil		8/4/2010 8:00:00 PM	8/5/2010
10080152-002A	#2 Soil		8/4/2010 8:10:00 PM	8/5/2010
10080152-003A	#3 Soil		8/4/2010 8:15:00 PM	8/5/2010
10080152-004A	#4 Soil		8/4/2010 8:20:00 PM	8/5/2010
10080152-005A	#5 Soil		8/4/2010 8:25:00 PM	8/5/2010
10080152-006A	#6 Soil		8/4/2010 8:30:00 PM	8/5/2010
10080152-007A	#7 Soil		8/4/2010 8:35:00 PM	8/5/2010
10080152-008A	#8 Soil		8/4/2010 8:40:00 PM	8/5/2010
10080152-009A	#9 Soil		8/4/2010 8:45:00 PM	8/5/2010

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#1 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:00:00 PM
Lab ID:	10080152-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.054	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.058	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0056		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.2	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#2 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:10:00 PM
Lab ID:	10080152-002A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.062	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.041	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.074	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0059		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.0	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#3 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:15:00 PM
Lab ID:	10080152-003A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3550B)**		Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Acenaphthylene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.042	0.038		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	10	8/11/2010
Chrysene	0.053	0.038		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.061	0.038		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.038		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	10	8/11/2010
Naphthalene	0.099	0.038		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.08	0.038		mg/Kg-dry	10	8/11/2010
Pyrene	0.095	0.038		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS		**SW8260B**		Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0051		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0051		mg/Kg-dry	1	8/9/2010
Ethylbenzene	0.0074	0.0051		mg/Kg-dry	1	8/9/2010
Xylenes, Total	0.033	0.015		mg/Kg-dry	1	8/9/2010
Percent Moisture		**D2974**		Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	14.1	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#4 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:20:00 PM
Lab ID:	10080152-004A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons		**SW8270C-SIM (SW3550B)**		Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.084	0.041		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.079	0.041		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.1	0.041		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.063	0.041		mg/Kg-dry	10	8/12/2010
Chrysene	0.1	0.041		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.17	0.041		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.084	0.041		mg/Kg-dry	10	8/12/2010
Pyrene	0.18	0.041		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS		**SW8260B**		Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0071		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.021		mg/Kg-dry	1	8/9/2010
Percent Moisture		**D2974**		Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.8	0.2	*	wt%	1	8/10/2010

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#5 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:25:00 PM
Lab ID:	10080152-005A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: 8/11/2010		Analyst: VS
Acenaphthene	ND	0.049		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.049		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.049		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.13	0.049		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	0.065	0.049		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.17	0.049		mg/Kg-dry	10	8/12/2010
Chrysene	0.16	0.049		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.049		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.31	0.049		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.049		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	0.055	0.049		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.049		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.14	0.049		mg/Kg-dry	10	8/12/2010
Pyrene	0.28	0.049		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS	**SW8260B**			Prep Date: 8/5/2010		Analyst: PS
Benzene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0085		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.026		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: 8/9/2010		Analyst: JP
Percent Moisture	33.8	0.2	*	wt%	1	8/10/2010

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#6 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:30:00 PM
Lab ID:	10080152-006A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/12/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/12/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Benz(a)anthracene	0.058	0.041		mg/Kg-dry	10	8/12/2010
Benzo(a)pyrene	0.041	0.041		mg/Kg-dry	10	8/12/2010
Benzo(b)fluoranthene	0.075	0.041		mg/Kg-dry	10	8/12/2010
Benzo(g,h,i)perylene	0.066	0.041		mg/Kg-dry	10	8/12/2010
Benzo(k)fluoranthene	0.079	0.041		mg/Kg-dry	10	8/12/2010
Chrysene	0.075	0.041		mg/Kg-dry	10	8/12/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/12/2010
Fluoranthene	0.12	0.041		mg/Kg-dry	10	8/12/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/12/2010
Indeno(1,2,3-cd)pyrene	0.046	0.041		mg/Kg-dry	10	8/12/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/12/2010
Phenanthrene	0.058	0.041		mg/Kg-dry	10	8/12/2010
Pyrene	0.1	0.041		mg/Kg-dry	10	8/12/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0062		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.019		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.0	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
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R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#7 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:35:00 PM
Lab ID:	10080152-007A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	0.083	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.1	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	0.092	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.17	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.075	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.14	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0066		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.02		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.3		*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

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Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#8 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:40:00 PM
Lab ID:	10080152-008A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.044		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.044		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.044		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	0.075	0.044		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	0.075	0.044		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.084	0.044		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.044		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	0.066	0.044		mg/Kg-dry	10	8/11/2010
Chrysene	0.084	0.044		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.044		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.15	0.044		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.044		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.044		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.044		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.066	0.044		mg/Kg-dry	10	8/11/2010
Pyrene	0.14	0.044		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0057		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.017		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	24.5	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: August 13, 2010
Print Date: August 13, 2010

Client:	Chicago Diversified Projects	**Client Sample ID:**	#9 Soil
Lab Order:	10080152	**Tag Number:**	
Project:	EC-7000	**Collection Date:**	8/4/2010 8:45:00 PM
Lab ID:	10080152-009A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Polynuclear Aromatic Hydrocarbons	**SW8270C-SIM (SW3550B)**			Prep Date: **8/11/2010**		Analyst: **VS**
Acenaphthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Acenaphthylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benz(a)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(a)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(b)fluoranthene	0.05	0.041		mg/Kg-dry	10	8/11/2010
Benzo(g,h,i)perylene	ND	0.041		mg/Kg-dry	10	8/11/2010
Benzo(k)fluoranthene	ND	0.041		mg/Kg-dry	10	8/11/2010
Chrysene	ND	0.041		mg/Kg-dry	10	8/11/2010
Dibenz(a,h)anthracene	ND	0.041		mg/Kg-dry	10	8/11/2010
Fluoranthene	0.083	0.041		mg/Kg-dry	10	8/11/2010
Fluorene	ND	0.041		mg/Kg-dry	10	8/11/2010
Indeno(1,2,3-cd)pyrene	ND	0.041		mg/Kg-dry	10	8/11/2010
Naphthalene	ND	0.041		mg/Kg-dry	10	8/11/2010
Phenanthrene	0.042	0.041		mg/Kg-dry	10	8/11/2010
Pyrene	0.066	0.041		mg/Kg-dry	10	8/11/2010
BTEX by GC/MS	**SW8260B**			Prep Date: **8/5/2010**		Analyst: **PS**
Benzene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Toluene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Ethylbenzene	ND	0.0058		mg/Kg-dry	1	8/9/2010
Xylenes, Total	ND	0.018		mg/Kg-dry	1	8/9/2010
Percent Moisture	**D2974**			Prep Date: **8/9/2010**		Analyst: **JP**
Percent Moisture	20.3	0.2	*	wt%	1	8/10/2010

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
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e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

ONE ONE

CHAIN OF CUSTODY RECORD

No: Page : 1 of 1

Company: CHICAGO DIVERSIFIED PROJECTS INC.
Project Number: EC-7000 Client Tracking No.:
Project Name:
Project Location:
Sampler(s): DONGOLS
Report To: CHICAGO DIVERS+FIED Phone: 773-465-7700
Fax: 773-973-5073
QC Level: 1 2 3 4 e-mail:

P.O. No.:
Quote No.:

Turn Around:
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	BTEX PNA	Remarks	Lab No.:
#1 SOIL	8-4-10	8:00 AM	[redacted]					X		[redacted]
#2 SOIL		8:10						X		0002
#3 SOIL		8:15						X		[redacted]
#4 SOIL		8:20						X		[redacted]
#5 SOIL		8-25						X		[redacted]
#6 SOIL		8:30						X		[redacted]
#7 SOIL		8:35						X		[redacted]
#8 SOIL		8:40						X		[redacted]
#9 SOIL		8:45						X		[redacted]

Relinquished by: (Signature)	Date/Time: 8-5-10 1330	Comments:
Received by: (Signature)	Date/Time: 8/5/10 1330	
Relinquished by: (Signature)	Date/Time:	
Received by: (Signature)	Date/Time:	
Relinquished by: (Signature)	Date/Time:	
Received by: (Signature)	Date/Time:	

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Use Only

STAT Analysis Corporation

Sample Receipt Checklist

Client Name CDP

Date and Time Received: 8/5/2010 1:30:00 PM

Work Order Number 10080152

Received by: CDF

Checklist completed by: Signature 8/5/10 Date

Reviewed by: CL Initials 8/5/10 Date

Matrix: Carrier name: Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 1.3 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response:

Laboratory ID :
Client Sample ID :
Date Collected :

	CAS No.	Analyte	Route Specific Values for Soil		Soil Component of Groundwater Ingestion Exposure Route Values		
			Ingestion	Inhalation	Class I	Class II	ADL
BTEX	71-43-2	Benzene	12	0.8	0.03	0.17	
	108-88-3	Toluene	16,000	650 / 42*	12	29	
	100-41-4	Ethylbenzene	7,800	400 / 58*	13	19	
	1330-20-7	Xylenes, Total	16,000	320 / 5.6*	150	150	
PNA	83-32-9	Acenaphthene	4,700	---	570	2,900	
	208-96-8	Acenaphthylene					
	120-12-7	Anthracene	23,000	---	12,000	59,000	
	56-55-3	Benz(a)anthracene	0.9	---	2	8	
	50-32-8	Benzo(a)pyrene	0.09	---	8	82	
	205-99-2	Benzo(b)fluoranthene	0.9	---	5	25	
	191-24-2	Benzo(g,h,i)perylene					
	207-08-9	Benzo(k)fluoranthene	9	---	49	250	
	218-01-9	Chrysene	88	---	160	800	
	53-70-3	Dibenz(a,h)anthracene	0.09	---	2	7.6	
	206-44-0	Fluoranthene	3,100	---	4,300	21,000	
	86-73-7	Fluorene	3,100	---	560	2,800	
	193-39-5	Indeno(1,2,3-cd)pyrene	0.9	---	14	69	
	91-20-3	Naphthalene	1,600	170 / 1.8*	12	18	
	85-01-8	Phenanthrene					
	129-00-0	Pyrene	2,300	---	4,200	21,000	

* - Construction Worker Inhalation Objective from Appendix B, Table B.

10080152-001	10080152-002	10080152-003	10080152-004	10080152-005	10080152-006
#1 Soil	#2 Soil	#3 Soil	#4 Soil	#5 Soil	#6 Soil
08/04/2010 20:00	08/04/2010 20:10	08/04/2010 20:15	08/04/2010 20:20	08/04/2010 20:25	08/04/2010 20:30
< 0.0056	< 0.0059	< 0.0051	< 0.0071	< 0.0085	< 0.0062
< 0.0056	< 0.0059	< 0.0051	< 0.0071	< 0.0085	< 0.0062
< 0.0056	< 0.0059	0.0074	< 0.0071	< 0.0085	< 0.0062
< 0.018	< 0.018	0.033	< 0.021	< 0.026	< 0.019
< 0.041	< 0.041	0.042	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.042	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.042	0.084	0.14	0.058
< 0.041	< 0.041	< 0.038	0.079	0.14	0.041
< 0.041	< 0.041	< 0.038	0.1	0.13	0.075
< 0.041	< 0.041	< 0.038	< 0.041	0.065	0.066
< 0.041	0.062	< 0.038	0.063	0.17	0.079
< 0.041	< 0.041	0.053	0.1	0.16	0.075
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
0.054	0.041	0.061	0.17	0.31	0.12
< 0.041	< 0.041	< 0.038	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	< 0.038	< 0.041	0.055	0.046
< 0.041	< 0.041	0.099	< 0.041	< 0.049	< 0.041
< 0.041	< 0.041	0.08	0.084	0.14	0.058
0.058	0.074	0.095	0.18	0.28	0.1

10080152-007	10080152-008	10080152-009
#7 Soil	#8 Soil	#9 Soil
08/04/2010 20:35	08/04/2010 20:40	08/04/2010 20:45
< 0.0066	< 0.0057	< 0.0058
< 0.0066	< 0.0057	< 0.0058
< 0.0066	< 0.0057	< 0.0058
< 0.02	< 0.017	< 0.018
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
0.075	0.075	< 0.041
0.083	0.075	< 0.041
0.075	0.084	0.05
< 0.041	< 0.044	< 0.041
0.1	0.066	< 0.041
0.092	0.084	< 0.041
< 0.041	< 0.044	< 0.041
0.17	0.15	0.083
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
< 0.041	< 0.044	< 0.041
0.075	0.066	0.042
0.14	0.14	0.066

ATTACHMENT J

Special Waste Annual Report

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

Illinois Nonhazardous Special Waste Annual Report
Site Information Form
(This form must be completed for each site that submits an annual report)

Reporting Year: 2010 **Site Information:**

Site IEPA Identification Number: 0311740002

Site Name: Ortek Inc.

Site Street Address: 7601 W. 47th St.

Site City: McCook

Site State: IL Site Zip Code: 60525 Site Telephone: 708-762-5117

Check one of the following, if applicable: If checked, no other forms are required to be completed.

___ **Generator** - No nonhazardous special waste was shipped to an out of state TSDR Facility in this reporting year.

___ **Facility TSDR** - No nonhazardous special waste was received at this TSDR Facility in this reporting year.

Site Mailing Address Information:
(Complete the following information only if site mailing label is incorrect.)

Company: _____ Telephone: _____

Contact Person: _____

Street Address: _____ P. O. Box: _____

City: _____ State: _____ Zip Code: _____

Annual Report Certification

I certify under penalty of law that I have examined and am familiar with the information submitted in this and any attached continuation sheets or other attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h).

Name (print/type): Lowell Aughenbaugh Telephone: 708-762-5117

Signature: L. Aughenbaugh Atty Date: 8/10/11

This Agency is authorized to require this information under Illinois Revised Statutes, 1989, Chapter 111 1/2, Section 1004 and 1021. Disclosure of this information is required. Failure to do so may result in a civil penalty up to $25,000 for each day the failure continued, a fine up to $50,000 and imprisonment up to 5 years. This form has been approved by Forms Management Center.

IL 532-2615
LPC 578 11/10

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

Illinois Facility Nonhazardous Special Waste
2010 Annual Report

Facility IEPA Number, Name & Address

Unit of measure - gallons

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA ID #	Waste Code	Quantity	UOM	Comments
A.	13/14	total processed ORTEK Rec'vd IAC: 739.157 (b)	IAC-739.157(b)	13/14	310,753	1	Used Oil
B.	13/14	total rec'vd/processed by Ortek IAC 739.157 (b)	"	13/14	4,238,800	1	Oily waste water
C.	13/14	Total rec'vd/processed by Ortek IAC 739.157 (b)	"	13/14	186,350	1	Emulsified Coolant metal work
D.							
E.							
F.							
G.							
H.							
I.							
J.							

IL 532-1952

Nonhazardous Special Waste Annual Report

Facility Instructions: Please print or type report. Photocopy form as needed.

This Nonhazardous Annual Report is required under the Illinois Environmental Protection Act 22.01 and 35 Illinois Administrative Code 809.501(j). This regulation requires you to report the types and quantities of nonhazardous special waste treated, stored, disposed or recycled at your facility, and to identify the generators of this waste. Please note that Polychlorinated Biphenyls (PCB's) must be included on this report.

Reports are due at the IEPA by February 1 of each year. This report shall SUMMARIZE all nonhazardous special waste received the previous year (1-1-10 thru 12-31-10). Do not list individual manifest quantities. Do not send copies of the manifests; they are not required. If no waste was received at your facility, check the appropriate field on the Site Information form, sign and return form to the Agency.

Waste streams that became subject to the non-hazardous non-liquid exemption must still be reported if the required certification was not completed.

FACILITY IEPA NUMBER, NAME AND ADDRESS: Please make address and/or name changes on the Site Information form if necessary.

MANAGEMENT CODE: From the list below select the one code (number) that best identifies the *final management of the waste at your facility.*

01 Metals recovery
02 Solvent recovery
03 Other recovery (e.g. antifreeze regeneration)
04 Incineration
05 Energy recovery (burning to recover BTU value)
06 Fuel blending (blending waste to fuel specs)
07 Treatment (chemical, physical, or biological)
08 Land treatment, application
09 Landfill
10 Transfer station
11 Storage (long-term)
12 Other (Indicate description in comments)
13 Used oil regeneration
14 Used oil on-spec fuel blending
15 Used oil off-spec fuel blending
16 Used oil incorporation into haz-waste fuel blending

GENERATOR NAME AND ADDRESS: Complete for each generator from which waste was received. Write the generator name and address where the waste was generated, not the mailing address.

GENERATOR IEPA ID NUMBER: Write the corresponding IEPA ID Number for each generator listed. Generators address must match the ID Number.

WASTE CODE: Select the code (number) that best corresponds to the description of waste; write the code in the space provided.

NO RCRA HAZARDOUS WASTE TO BE INCLUDED

01 Leaking Underground Storage Tank (LUST) contaminated soil, sand and clay
02 Other contaminated soil, sand or clay
03 Other contaminated materials
04 PCB1 solids (capacitors, transformer carcasses)
05 PCB2 liquids (transformer and capacitor oils, etc.)
06 Lab Packs
07 Leachate
08 Ashes, Incinerator or boiler
09 Municipal waste water treatment sludges
10 Industrial waste water treatment sludges
11 Food processing wastes & Off-spec food products
12 Antifreeze
13 Waste/used oil
14 Other organic liquids
15 Other organic solids or sludges
16 Liquids with other metals
17 Solids or sludges with other metals
18 Other inorganic liquids
19 Other inorganic solids or sludges
20 Containerized gas
21 Household Hazardous Waste from collections

QUANTITY TOTAL: Write the total volume in either gallons or cubic yards for the reporting period.

UNIT OF MEASURE: Enter 1 for gallons or 2 for cubic yards.

COMMENTS: Check the comment field if you have any comments or remarks. Indicate your written comments on a separate page and reference the record field and the page number for each comment.

SITE INFORMATION FORM: This form must be completed for each site that submits an annual report.

NO WASTE RECEIVED: With the additional exemption for non-liquid nonhazardous wastes with generator certification, your facilities may not have managed any special waste in 2008. If this is true at your facility, please indicate so on the Site Information form, and sign the certification.

CERTIFICATION BY FACILITY: The owner, operator or an authorized representative must sign and date the certification on the Site Information form.

HAULER INFORMATION FORM: List all haulers and their 4-digit IL SWH permit number or their Uniform Program Permit ID number, who delivered waste to your facility.

DISTRIBUTION OF COPIES

Send the original report to the address below:

Illinois Environmental Protection Agency
Bureau of Land (#24)
Annual Reports and Data Collection Unit
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

OVERNIGHT MAILING ADDRESS:

1021 North Grand Ave East
Springfield, Illinois 62702

KEEP A COPY OF THE REPORT FOR YOUR RECORDS; IT IS REQUIRED TO BE KEPT ON-SITE FOR THREE YEARS.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 North Grand Avenue East, P.O. Box 19276, Springfield, Illinois 62794-9276 • (217) 782-2829
James R. Thompson Center, 100 West Randolph, Suite 11-300, Chicago, IL 60601 • (312) 814-6026

PAT QUINN, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

2010 Illinois Nonhazardous Special Waste Annual Report Hauler Information

Record Field	Hauler Permit ID Number	Hauler Name	Hauler Address, City, State and Zip Code	Comments
A.	UPM-350461	North Branch Environmental	710 North 458 Garden Ave. Roselle, IL 60172	
B.	3922	Future Environmental	19701 So. 97th Ave. Mokena, IL 60448	
C.	UPW-0758-189-IL	RS Used Oil	25903 So. Ridgeland Manee, IL 60449	
D.	484475	HazChem Environmental Corp.	1115 W. National Ave. Addison, IL 60101	
E.	1047	Duke's Oil Service	783 Fairway Dr. Bensenville, IL 60106	
F.	0344	Southwest Oil Services	17348 Deercreek Dr. Orland Park, IL 60467	
G.	5024	Illinois Recovery Group	445 Roosevelt St. Morris, IL 60450	
H.	4886	Turn-Key Environmental	750 Almar Parkway Suite 201 Bourbonnais, IL 60914	

IL 532-2045

ORTEK INC.

Recycling for Tomorrow's Future

August 10, 2011

~~To whom it may concern:~~

Lowell Aughenbaugh will be out of state for the next several months.
He has given me authorization to sign on his behalf.

Laurie Witter
Office Manager
Ortek, Inc.

7601 West 47th Street ◆ McCook, Illinois 60525

(708) 762-5117 ◆ (708) 762-5118 Fax

ATTACHMENT K

Sample Analysis

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS
5915 Star Lane, Houston, TX 77057
Ph. 713-680-9425 Fax: 713-680-9564
Website: precisionlabs.org

Client Name: Ortek Inc
Street Address: 7601 W 47th St
City, State, Zip: McCook, IL 60525

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-136	DATE/TIME COLLECTED	07-07-2011@2:30pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	WO 4,5,6,101		

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULTS
PCB'S, PPM	S.W. 8082	0.50	BRL
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	BRL
Barium	EPA-6010	0.10	9.02
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	179
Lead	EPA-6010	0.39	5.07
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihi
QA Manager

Date: 07-08-2011

ACCREDITED IN ACCORDANCE WITH NELAC

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS
5915 Star Lane, Houston, TX 77057
Ph. 713-680-9425 Fax: 713-680-9564
Website: precisionlabs.org

Client Name: Ortek Inc
Street Address: 7601 W 47th St
City, State, Zip: McCook, IL 60525

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-134	DATE/TIME COLLECTED	07-07-2011@2:00pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	Glycol 324,325,410,411		

	TEST METHOD	REPORTING LIMIT	TEST RESULTS
Heavy Metals, PPM			
Arsenic	EPA-6010	0.50	25.28
Barium	EPA-6010	0.10	0.15
Cadmium	EPA-6010	0.10	BRL
Chromium	EPA-6010	0.15	BRL
Lead	EPA-6010	0.39	1.00
Mercury	EPA-6010	0.17	BRL
Selenium	EPA-6010	0.63	BRL
Silver	EPA-6010	0.13	BRL

Daniel Zabihi
QA Manager

Date: 07-08-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

PRECISION PETROLEUM LABS, INC.

CERTIFICATE OF ANALYSIS

LABORATORY ADDRESS	Client Name: Ortek Inc
5915 Star Lane, Houston, TX 77057 Ph. 713-680-9425 Fax: 713-680-9564 Website: precisionlabs.org	Street Address: 7601 W 47th St City, State, Zip: McCook, IL 60525

INVOICE No.	49400	DATE RECEIVED	07-08-2011
LAB REFERENCE No.	2011-07-135	DATE/TIME COLLECTED	07-07-2011@2:20pm
AUTHORIZED BY	Bob Kolav	MATRIX TYPE	Liquid
PRODUCT ID	Oil 503		

PARAMETER	TEST METHOD	REPORTING LIMIT	TEST RESULT
PCB's, PPM	S.W.8082	0.50	BRL

Daniel Zablhi
QA Manager

Date: 07-08-2011

PRIMARY ACCREDITATION TCEQ, #T104704203-TX
ARIZONA LICENSE # AZ0630

QUALIFIERS & ABBREVIATIONS: BRL - Below Reporting Limit; SCL - Test performed by an approved subcontract laboratory; B - Analyte was detected in the associated method blank; Matrix spike/matrix spike duplicate (M), Laboratory control sample (L), Calibration criteria (C), and Surrogate (S) recoveries were outside acceptance limits. Test deviation applied to Method 8260 (VOCS).

COMMENTS: There were no quality assurance anomalies associated with these tests.

ATTACHMENT L

Checklist

Ortek 12/21/11 and 1/30/12

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
	PART 739: STANDARDS FOR THE MANAGEMENT OF USED OIL	
	SUBPART B: APPLICABILITY	
	Note: Used oil not exceeding any specification level of Section 739.111 is subject only to Sections 739.172, 739.173 and 739.174(b).	
	Section 739.112 Prohibitions	
739.112(a)	a) Is used oil being managed only in a surface impoundment or waste pile that is regulated under Parts 724 or 725? Yes_____ No_____ N/A X	739.112(a)
739.112(b)	b) Is used oil being used as a dust suppressant? Yes_____ No X N/A X	739.112(b)
739.112(c)	c) Is off-spec oil fuel burned for energy recovery in only industrial furnaces identified in Section 720.111, utility boilers, or used oil fired space heaters that meet the provisions of Section 739.123? Yes_____ No_____ N/A X	739.112(c)
	permitted to some many gallons year but don't use Natural gas boilers to everything's	
	SUBPART C: STANDARDS FOR USED OIL GENERATORS	
	Section 739.121 Hazardous Waste Mixing	
739.121(a)	Is the generator mixing hazardous waste with used oil only as provided in Section 739.110(b)(2)(B) and (C)? Yes_____ No_____ N/A_____	739.121(a)
	small amounts of solvents to be determined further evaluation needed	
739.121(b)	If "Yes", is the generator of a used oil containing greater than 1000 ppm total halogens managing the used oil as a hazardous waste unless the presumption is rebutted (i.e. analytical data is available)? Yes_____ No_____ N/A_____	739.121(b)
	Section 739.122 Used Oil Storage processor see processor	
739.122(a)	Does the generator only store used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? Yes_____ No_____ N/A_____	739.122(a)
739.122(b)	Are containers and aboveground tanks used by a generator (to store used oil) in good condition with no visible leaks? Yes_____ No_____ N/A_____	739.122(b)
739.122(c)	Are containers, aboveground tanks, and fill pipes used for underground tanks labeled or marked "Used Oil"? Yes_____ No_____ N/A_____	739.122(c)
739.122(d)	Has the generator, upon detection of a release of used oil, done the following: 1) stopped the release; and 2) contained the release; and 3) cleaned up and managed the used oil and other materials; and 4) repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes_____ No_____ N/A_____	739.122(d)
	Section 739.123 On-Site Burning in Space Heaters processor	
739.123(a)	Is the generator burning used oil in used oil fired space heaters only when: 1) the heater burns only used oil that the owner or operator generates or used oil received from household do-it-yourselfers (DIY) generators; and 2) the heater is designed to have a maximum capacity of not more than 0.5 million Btu per hour; and 3) the combustion gases from the heater are vented to the ambient air? Yes_____ No_____ N/A X	739.123(a)
	Section 739.124 Off-Site Shipments	
739.124	Has the generator ensured that the used oil is hauled only by transporters that have obtained a USEPA ID # and an IEPA special waste ID # pursuant to Part 809, unless the generator qualifies for an exemption pursuant to Part 739 (self transportation to aggregate points owned by the generator or tolling agreements)? Yes_____ No_____ N/A_____ processor	739.124

needs further evaluation

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.145	**Section 739.145 Used Oil Storage at Transfer Stations**	
	Has the owner/operator of a used oil transfer facility:	
	b) only stored used oil in tanks, containers, or units subject to regulation under Parts 724 or 725? Yes_____ No_X_____ N/A_____	
	c) only stored used oil in containers and aboveground tanks that are in good condition, with no visible leaks? Yes_X_____ No_____ N/A_____	739.145
	d) provided for secondary containment for containers as required by this Subsection? Yes_____ No_____ N/A_X_____	
	e) provided for secondary containment for existing aboveground tanks as required by this Subsection? Yes_____ No_____ N/A_____	
	f) provided for secondary containment for new aboveground tanks as required by this Subsection? Yes_____ No_____ N/A_____	
	g) labeled all containers, aboveground tanks, and fill pipes used for underground tanks with the words "Used Oil"? Yes_X_____ No_____ N/A_____	
	h) upon detection of a release of used oil, done the following:	
	1) stopped the release; and	
	2) contained the release; and	
	3) cleaned up and managed the used oil and other material; and	
	4) repaired or replaced the containers or tanks prior to returning them to service, if necessary? Yes_____ No_____ N/A_____	
739.146(a)	**Section 739.146 Tracking**	
	Has the used oil transporter kept a record of each used oil shipment that includes:	
	1) the name and address of the generator, transporter, or processor (GTP) who provided the used oil for transport; and	
	2) the USEPA ID # and IEPA special waste ID # of the GTP that provided the used oil; and	739.146(a)
	3) the quantity of used oil accepted; and	
	4) the date accepted; and	
	5) the signature of a representative of the GTP that provided the used oil? Yes_____ No_____ N/A_____	
739.146(b)	Has the used oil transporter kept a record of each shipment of used oil that is delivered to another used oil transporter, burner, processor, or disposal facility that includes:	
	1) the name and address of the receiving facility or transporter: and	
	2) the USEPA ID # and IEPA special waste ID # of the receiving facility or transporter; and	
	3) the quantity of used oil delivered; and	739.146(b)
	4) the date of delivery; and	
	5) the signature of a representative of the receiving facility or transporter? Yes_____ No_____ N/A_____	
739.146(c)	Has the used oil transporter who exports used oil to a foreign country complied with this subsection? Yes_____ No_____ N/A_____	739.146(c)
739.146(d)	Has the used oil transporter retained all records required under this Section for at least 3 years? Yes_____ No_____ N/A_____	739.146(d)
	Section 739.147 Management of Residues	
739.147	Does the used oil transporter who generates residues from the storage or transportation of used oil manage the residues as specified in Section 739.110? Yes_____ No_____ N/A_____	739.147
739.151	**SUBPART F: STANDARDS FOR USED OIL PROCESSORS**	
	Section 739.151 Notification	
	Has the used oil processor obtained a USEPA ID# and an IEPA special waste ID#? Yes_____ No_____ N/A_____	739.151

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
	written waste analysis plan describing the procedures that will be used to comply with the rebuttable presumption and on-spec Sections of this Part? Yes ✓ plan followed? needs further evaluation No_____ N/A_____	739.155
739.156	**Section 739.156 Tracking** Has the used oil processor kept a record of each used oil shipment accepted for processing (i.e. invoice, manifest, bill of lading, or other) that includes: 1) the name and address of the transporter who delivered the used oil to the processor; and 2) the name and address of the generator or processor from whom the used oil was sent for processing; and 3) the IEPA special waste ID # of the transporter who delivered the used oil to the processor; and 4) the IEPA special waste ID #, if applicable, of the generator or processor from whom the used oil was sent for processing; and 5) the quantity of used oil shipped; and 6) the date of shipment? Yes X per LW No_____ N/A_____ reviewed further information on 12/19	739.156
739.156(b)	Has the used oil processor kept a record of each shipment of used oil that is delivered to a burner, processor, or disposal facility that includes: 1) the name and address of the transporter who delivers the used oil to the burner, processor or disposal facility; and 2) the name and address of the burner, processor, or disposal facility who will receive the used oil; and 3) the IEPA special waste ID # of the transporter who delivers the used oil to the burner, processor, or disposal facility; and 4) the IEPA special waste ID # of the burner, processor, or disposal facility who will receive the used oil; and 5) the quantity of used oil shipped; and 6) the date of shipment? Yes X per LW No_____ N/A_____ review Letters and RS.	739.156(b)
739.156(c)	Have the records described in this Section been maintained for at least 3 years? Yes ✓ No_____ N/A_____	739.156(c)
	Section 739.157 Operating Record and Reporting	
739.157(a)	Has the owner/operator kept a written operating record at the facility that contains the following: - records and results of oil analyses performed as described in the analysis plan required under Section 739.155? On computer ~ needs further analysis - summary reports and details of all incidents that require implementation of the contingency plan as specified in Section 739.152(b)? Yes ✓ No_____ N/A_____ Report 2yrs ago — Bob will email a copy	739.157(a)
739.157(b)	Has the used oil processor reported to the Agency in the form of a letter, on a biennial basis by March 1, the following information: 1) the IEPA special waste ID #, name and address of the processor: and 2) the calendar year covered by the report; and 3) the quantities of used oil accepted for processing and the manner in which the used oil is processed, including the specific processes employed; and 4) the USEPA ID #? Yes ✓ No_____ N/A_____	739.157(b)
	Section 739.158 Off-Site Shipments of Used Oil	
739.158	Has the used oil processor who initiates a shipment of used oil off-site used a used oil transporter that has a USEPA ID # and an IEPA special waste ID #? Yes ✓ No_____ N/A_____	739.158 yes, records reviewed
	Section 739.159 Management of Residue	
739.159	Does the used oil processor who generates residues from the storage, processing, or re-refining of used oil manage the residues as specified in Section 739.110(e)? Yes_____ No X N/A_____ look into reg. need to do haz waste determination	739.159

Regulation	RCRA USED OIL INSPECTION CHECKLIST (PART 739)	Violation
739.165(b)	Have the records described in this Section been maintained on-site for at least 3 years? Yes_____ No_____ N/A_____	739.165(b)
	Section 739.166 Notice	
739.166(a)	Prior to accepting the first shipment of off-spec used oil fuel, has the used oil burner provided to the GTP a one-time written and signed notice certifying that: 1) the burner has notified the Agency stating the location and general description of the used oil management activities; and 2) the burner will burn used oil only in an industrial furnace or boiler identified in Section 739.161(a)? Yes_____ No_____ N/A_____	739.166(a)
739.166(b)	Has the certification been maintained for at least 3 years from the date the burner last received a shipment of used oil from the GTP? Yes_____ No_____ N/A_____	739.166(b)
	Section 739.167 Management of Residue	
739.167	Does the used oil burner who generates residues from the storage, processing, or re-refining of used oil manage the residues as specified in Section 739.110(e)? Yes_____ No_____ N/A_____	739.167
	SUBPART H: STANDARDS FOR USED OIL FUEL MARKETERS	
739.171	**Section 739.171 Prohibitions** Has the used oil fuel marketer initiated a shipment of off-spec used oil only to a used oil burner that has a USEPA ID # and an IEPA special waste ID # and burns the used oil in an industrial furnace or boiler as specified in Section 739.161(a)? Yes_____ No_____ N/A_____	739.171
	Section 739.172 On-Spec Used Oil Fuel	
739.172(b)	Has the GTP or burner who claims that the used oil meets the specification for used oil fuel under this Part, kept copies of analyses or other information for at least 3 years? Yes_____ No_____ N/A_____	739.172(b)
	Section 739.173 Notification	
739.173(a)	Has the used oil marketer complied with the notification requirements of RCRA Section 3010 and obtained an IEPA special waste ID #? Yes_____ No_____ N/A_____	739.173(a)
	Section 739.174 Tracking	
739.174(a)	Has the used oil generator kept a record of each used oil shipment accepted for burning (i.e. log, invoice, manifest, bill of lading, or other) that includes: 1) the name and address of the transporter who delivered the used oil to the burner; and 2) the name and address of the burner who will receive the used oil; and 3) the IEPA special waste ID # of the transporter who delivered the used oil to the burner; and 4) the IEPA special waste ID # of the burner; and 5) the quantity of used oil shipped; and 6) the date of acceptance? Yes_____ No_____ N/A_____	739.174(a)
739.174(b)	Has the GTP or burner who claims that the used oil meets the fuel specification under Section 739.111 kept a record of each shipment of used oil to an on-spec used oil burner that includes the following: 1) the name and address of the facility receiving the shipment; and 2) the quantity of used oil fuel delivered; and 3) the date of shipment or delivery; and 4) a cross-reference to the record of used oil analyses or other information used to make the determination that the oil meets the specifications as required under Section 739.172(a)? Yes_____ No_____ N/A_____	739.174(b)
739.174(c)	Have the records described in this Section been maintained on-site for at least 3 years? Yes_____ No_____ N/A_____	739.174(c)

ATTACHMENT M

Daily Logs and Manifests

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	IL 970505162	1		001608634 GBF

GENERATOR

Generator's Name and Mailing Address
ETP
20639 Gaskin dr
Lockport, IL 60441

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name: Turn-Key — U.S. EPA ID Number: ILR000144500

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Onyx, 7601 W. 47th Street, McCook, IL 60525 USA — U.S. EPA ID Number: ILD000646786

Facility's Phone: 708-752-5117

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.			3500		
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
96760

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: V. Daniel Andujar — Signature — Month: 10 Day: 05 Year: 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Mark Hanrahan — Signature — Month: 10 Day: 05 Year: 11

Transporter 2 Printed/Typed Name — Signature — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Robert Kolar — Signature — Month: 10 Day: 5 Year: 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Pg 1

DAILY RECEIVING LOG USED OILS

TANK# 10 DATE/TIME OPENED 10-5-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H20	CL
1.	ARTCO	1	~~96748~~ 96748	10-5-11	3975		7	.018%
2.	ARTCO	2	96754	10-5-11	3952		7	.0182
3.	ARTCO	3	96755	10-5-11	3965		7	.0296
4.	R P	4	96756	10-5-11	1400		6	.0138
5.	MB	5	96757	10-5-11	5400		6	.0143
6.	WILSON EX.	6	96758	10-5-11	2500		7	.0186
7.	FUTURE	7	96759	10-5-11	5500		7	

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

			TIME	
_____ GALS. OF	_____ TO	_____ FROM	_____ TO	_____
_____ GALS. OF	_____ TO	_____ FROM	_____ TO	_____
_____ GALS. OF	_____ TO	_____ FROM	_____ TO	_____

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

Pg 2

DAILY RECEIVING LOG USED OILS

TANK# 101 DATE/TIME OPENED 10-5-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H20	CL
1.	ITP	8	96760	10-5-11	3500		9	.7650
2.	ARTCO	9	96761	10-5-11	5995		7	0129
3.	THOMAS ENG	10	96762	10-5-11	2450		7	.0690
4.								
5.								
6.								
7.								

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

				TIME	
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

10/4/2011 4:01am
10/5/2011 4:11am
W/O S-CL 610
Last restandardised 8/18/2011 2:14pm

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:11am
Calibration title: W/O S-CL 610
Sample: 96748

S	CL
5918 cps	4461 cps

****
Sample 96748 = -0.0796 % S
= 0.0184 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:15am
Calibration title: W/O S-CL 610
Sample: 96754

S	CL
5938 cps	4463 cps

****
Sample 96754 = -0.0787 % S
= 0.0182 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:19am
Calibration title: W/O S-CL 610
Sample: 96755

S	CL
6210 cps	4994 cps

****
Sample 96755 = -0.0586 % S
= 0.0296 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:23am
Calibration title: W/O S-CL 610

Sample 96755 = -0.0586 % S
= 0.0296 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:23am
Calibration title: W/O S-CL 610
Sample: 96756

S	CL
7541 cps	9415 cps

Sample 96756 = 0.0367 % S
= 0.0189 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:30am
Calibration title: W/O S-CL 610
Sample: 96758

S	CL
6185 cps	4946 cps

Sample 96758 = -0.0604 % S
= 0.0286 % CL

W/O S-CL 610 Restandardisation
OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:34am
Calibration title: W/O S-CL 610
Sample: 96757

S	CL
5922 cps	4345 cps

Sample 96757 = -0.0793 % S
= 0.0148 % CL

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:38am
Calibration title: W/O S-CL 610
Sample: 96759

S	CL
5839 cps	4091 cps

ANALYSIS REPORT
10/5/2011 4:38am
Calibration title: W/O S-CL 610
Sample: 96759
S CL
5839 CPS 4091 CPS
****
Sample 96759 = -0.0852 % S
= 0.0086 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:41am
Calibration title: W/O S-CL 610
Sample: 96760
S CL
10787 CPS 25736 CPS
****
Sample 96760 = 0.2694 % S
= 0.7650 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:45am
Calibration title: W/O S-CL 610
Sample: 96762
S CL
5846 CPS 4239 CPS
****
Sample 96761 = -0.0848 % S
= 0.0129 % CL
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/5/2011 4:51am
Calibration title: W/O S-CL 610
Sample: 96762
S CL
6764 CPS 6529 CPS
****
Sample 96762 = -0.0189 % S
= 0.0690 % CL
****

DAILY RECEIVING LOG USED OILS

TANK# 101 DATE/TIME OPENED 10-12-11 OPENED BY _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H20	CL
1.	ARTCO	1	96809	10-12-11	3970		7	.0067
2.	ARTCO	2	96811	10-12-11	3995		7	.0243
3.	NB	3	96814	10-12-11	5700		7	.0106
4.	ARTCO	4	96815	10-12-11	3960		7	.0070
5.	Future	5	96816	10-12-11	600		7	.0689
6.	Switch credit	6	96817	10-12-11	2900		8	
7.	NB	7	96918	10-12-11	5500		7	

TOTAL GALLONS IN TANK AT CLOSING _____ DATE AND TIME TANK CLOSED _____

TANK CLOSED AND SECURED BY _____ TANK AGITATED BY _____ TANK SAMPLED BY _____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF _____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES _____ NO _____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES _____ NO _____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES _____ NO _____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES _____ NO _____

IF ACCEPTABLE AUTHORIZED BY _____ DATE/TIME _____

PLANT

				TIME	
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____

TANK EMPTY ON DATE _____ TIME _____ OPERATOR _____

DAILY RECEIVING LOG USED OILS

TANK# 101 **DATE/TIME OPENED** 10-12-11 **OPENED BY** _____

GALLONS @ OPENING _____

	GENERATOR	LOAD#	TICKET #	DATE\TIME	GALLONS	PCBs	H20	CL
1.	Hazen Tech	8	96819	10-12-11	4800		7	.3288
2.	(3) NB multi	9	96820	10-12-11	1850		7	.0307
3.	HAZ (2) multi	10	96821	10.12.11	850		7	.1935
4.	NB	11	96822	10-12-11	5000		7	.0602
5.	NB	12	96823	10-12-11	4000		7	.0168
6.								
7.								

TOTAL GALLONS IN TANK AT CLOSING_____ DATE AND TIME TANK CLOSED_____

TANK CLOSED AND SECURED BY_____ TANK AGITATED BY_____ TANK SAMPLED BY_____

SUPERVISOR PAPERWORK AND SECURITY SIGN-OFF_____

LABORATORY

SUPERVISOR SIGN-OFF FROM PLANT YES_____ NO_____

CAN ACCOUNT FOR ALL TRUCK SAMPLES INCLUDED ON DAILY LOG YES_____ NO_____

INDIVIDUAL SAMPLES RUN FOR PCB'S YES_____ NO_____

ACCEPTABLE FOR REFINERY FEEDSTOCK YES_____ NO_____

IF ACCEPTABLE AUTHORIZED BY_____ DATE/TIME_____

PLANT

				TIME	
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____
_____	GALS.OF	_____	TO _____	FROM _____	TO _____

TANK EMPTY ON DATE_____ TIME_____ OPERATOR_____

10/12

S Cl
8422 cps 14633 cps
****
Sample 96819 = 0.0999 % S
= 0.3288 % Cl
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 7:15PM
Calibration title: W/O S-Cl GID
Sample: 96820
S Cl
5980 cps 4982 cps
****
Sample 96820 = -0.0752 % S
= 0.0307 % Cl
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 7:20PM
Calibration title: W/O S-Cl GID
Sample: 96821
S Cl
9749 cps 11291 cps
****
Sample 96821 = 0.1950 % S
= 0.1935 % Cl
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 7:25PM
Calibration title: W/O S-Cl GID
Sample: 96822
S Cl
6388 cps 6167 cps
****
Sample 96822 = -0.0315 % S
= 0.0602 % Cl
****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 7:29PM
Calibration title: W/O S-Cl GID
Sample: 96823
S Cl
6125 cps 4529 cps

Sample 96814 = -0.0752 % S
= 0.0106 % CL

****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 6:47PM
Calibration title: W/O S-CL 010
Sample: 96815

S	CL
5831 CPS	4034 CPS

****

Sample 96815 = -0.0859 % S
= 0.0079 % CL

****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 6:51PM
Calibration title: W/O S-CL 010
Sample: 96816

S	CL
7972 CPS	7116 CPS

****

Sample 96816 = 0.0676 % S
= 0.0689 % CL

****

OXFORD LAB-X 3000
ANALYSIS REPORT
10/12/2011 6:57PM
Calibration title: W/O S-CL 010
Sample: 96817

S	CL
12468 CPS	22958 CPS

****

Sample 96817 = 0.3859 % S
= 0.6626 % CL

****

OXFORD LAB-X 3000

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	0316005284		(630)529-0240	008751568 JJK

5. Generator's Name and Mailing Address
SWITCH CRAFT
5555 N. ELSTON
CHICAGO, IL
Generator's Phone:

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: North Branch Environmental — UPM0350461IL — U.S. EPA ID Number: ILR000052977

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
Orteck
7601 W. 47th street
McCook, Il 60525 (708)762-5119
Facility's Phone:
U.S. EPA ID Number: 0311740001

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. Non-Hazardous Liquid	001	tt	2906	G	
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
96817
Work order 95754

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: JASON HICKS — Signature: Jason Hicks — Month 10 Day 12 Year 11

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: SCOTT SCHAEFER — Signature: [signature] — Month 10 Day 12 Year 11
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. [redacted] Waste Report Management Method Codes (i.e., codes for [redacted] waste treatment, disposal, and recycling systems)
1. 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of [redacted] materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: JUAN GARCIA — Signature: Juan G — Month 10 Day 12 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
[redacted]	1	[redacted]	000413554WAS

GENERATOR

5. Generator's Name and Mailing Address

[redacted]

Generator's Site Address (if different than mailing address)

Generator's Phone: [redacted]

6. Transporter 1 Company Name: MacNew Environmental Corporation — U.S. EPA ID Number: ILD984785233

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address

[redacted]

U.S. EPA ID Number: [redacted]

Facility's Phone: [redacted]

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. [redacted]	[redacted]	[redacted]	4800		None
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

96819

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: ISRAEL SANTIAGO — Signature: [signature] — Month: 10 — Day: 12 — Year: 11

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month: 10 — Day: 12 — Year: 11

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. [redacted] Waste Report Management Method Codes (i.e., codes for [redacted] waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of [redacted] materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Juan Garcia — Signature: Juan G — Month: 10 — Day: 12 — Year: 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

ATTACHMENT N

Ortek Storage Tanks Inventory

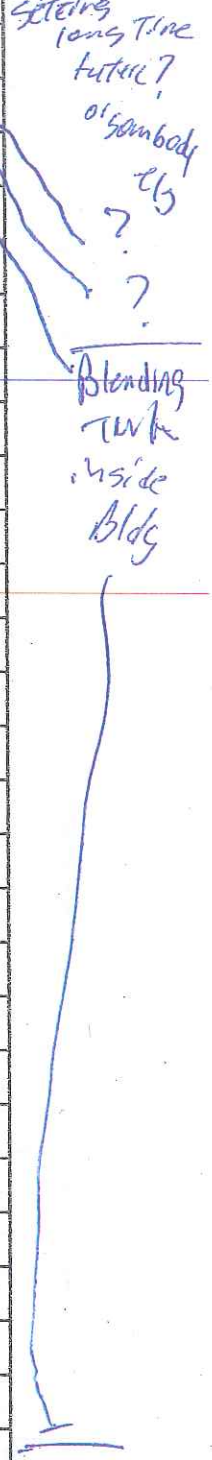
PG 1 ORTEK STORAGE TANKS INVENTORY CURRENT January 30,2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
D-1	NOT IN SERVICE	15,000	0
D-2	NOT IN SERVICE	15,000	0
1	OILY WASTE EMULSIONS	15000	0
2	OILY WASTE EMULSIONS	15,000	0
3	OILY WASTE EMULSIONS	15,'000	0
4	OILY WASTE EMULSIONS	21,300	7,000
5	OILY WASTE EMULSIONS	21,300	10,000
6	OILY WASTE EMULSIONS	21,300	8,000
7	FUTURE USED OIL	28,770	0
8	FUTURE USED OIL	28,770	5000
9	NOT IN SERVICE	28,770	0
10	NOT IN SERVICE	28,770	0
20	NOT IN SERVICE	8,000	0
98	NOT IN SERVICE	21,300	0
99	NOT IN SERVICE	21,300	0
100	OILY WATER	250,000	125000
101	OILY WATER	250,000	50,000
110	NOT IN SERVICE	15,000	0
120	#5 FUEL OIL - WET	21,300	4,000
121	#5 FUEL OIL - WET	21,300	9,500
122	#5 FUEL OIL - DRY	21,300	0
123	USED OIL	21,300	0
124	#5 FUEL OIL - WET	21,300	19,400
125	USED OIL	21,300	0
126	OILY WASTE EMULSIONS	21,300	8,000
127	OILY WASTE EMULSIONS	21,300	15500
128	WATER SOLUBLE	21,300	3,100
129	WATER SOLUBLE	21,300	13,900
130	USED OIL	21,300	0
131	USED OIL	21,300	0
132	OILY WASTE EMULSIONS	21,300	10,200

store
Processing i'n ensou of
transported
Transporter
Transporter
from 101
from 101
101 from 101

PG 2 ORTEK STORAGE TANKS INVENTORY CURRENT January 30,2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
133	USED OIL	21,300	18,500
143	NOT IN SERVICE	21,300	17000
144	NOT IN SERVICE	21,300	15000
145	#5 FUEL OIL - WET	21,300	0
146	#5 FUEL OIL - DRY	21,300	0
201	FLUSHING OIL	1,500	0
204	NOT IN SERVICE	2,100	0
205	NOT IN SERVICE	2,100	0
207	SJR 2000	2,750	0
208	SJR 2000	2,750	0
210	SJR 2000	2,750	0
211	H CAL 2400	2,750	0
212	H CAL 2400	2,750	0
213	ELCO 102 BLEND	2,750	0
214	NIS	2,750	0
215	EXXON 80 NEUTRAL	2,750	0
216	ELCO 102 BLEND	2,750	0
217	RIGID DARK TANK	2,750	0
237	INFINEUM 4540	6,200	0
238	IPC 1500	6,200	0
240	SK 150 NEUTRAL	19,900	0
241	ORTEK BASE OIL-150	10,500	0
242	INFINEUM SL P 5066	12,000	0
250	BLENDING TANK	7,500	0
251	BRANNEN SJ	6,200	0
252	IPC 1500	10,500	0
253	BLEND TANK	12,000	0
307	NOT IN SERVICE	21,300	0
300	OUTSIDE FLUSHING OIL	3,170	2300
310	ASPHALT	21,300	0



PG 3 ORTEK STORAGE TANKS INVENTORY CURRENT January 30, 2012

TANK #	PRODUCT STORED	CAPACITY	INVENTORY
316	T-1/T-2 LIGHT FUEL	15,500	0
323	LIGHT FUEL - API	21,300	12000
324	OILY WASTE EMULSIONS	21,300	0
325	OILY WASTE EMULSIONS	21,300	0
326	NOT IN SERVICE	21,300	0
400	NOT IN SERVICE	250,000	225000
402	ORTEK BASE OIL-150	21,300	0
403	USED OIL	21,300	18000
404	ORTEK BASE OIL-150	24,500	0
405	NOT IN SERVICE	24,500	0
408	CONOCO/CITGO LW	21,300	0
409	USED OIL	21,300	0
410	GLYCOL	21,300	4000
411	GLYCOL	21,300	6000
412	ORTEK BASE OIL-150	21,300	0
413	ORTEK BASE OIL-150	21,300	0
500	BASE OIL	19,400	0
501	BASE OIL	19,400	0
502	BASE OIL	19,400	0
503	BASE OIL	19,400	0
504	BASE OIL	19,400	0
505	BASE OIL	21,300	0
506	BASE OIL	21,300	0
507	BASE OIL	19,400	0
508	BASE OIL	19,400	0
509	BASE OIL	19,400	0
510	BLENDED PRODUCT	14,800	0
511	BLENDED PRODUCT	14,800	0
512	BLENDED PRODUCT	14,800	0
513	BLENDED PRODUCT	14,800	0
514	ALUM SULFATE	4,440	1500
515	CAUSTIC - 50%	4,050	1700
NP 6	ORTEK BASE OIL-150	5,800	0
NP 7	ORTEK BASE OIL-150	5,800	0
DT 40	NOT IN SERVICE	5,800	0
T-1 TOWER	NOT IN SERVICE	10,600	0
T-2 TOWER	USED OIL DISTILLATION	13,380	6,500
T-3 TOWER	NOT IN SERVICE	13,380	0
T-4 TOWER	WET OIL DRYING	13,380	0
T-5 TOWER	NOT IN SERVICE	13,380	0
T-6 TOWER	NOT IN SERVICE	13,380	0

corrected for Heavy Tester

Feed tank distillate Tester

Crack case oil dried